Tenda®

User Manual

V1.1

www.tenda.cn

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1. Product overview

1.1.Package list

Please check carefully if all listed items are included in the package as below:

1、One IP-Camera;

2、One CD;

3、One Quick Installation Guide;

4、Mounting bracket set;

5、One RJ45 Cable;

6、One Power adapter;

Note: Please do connect the power adapter to an electrical outlet that matches the adapter's rated input voltage, otherwise it will damage the device. If any item mentioned above is missing or damaged, contact the place of purchase immediately.

1.2.Computer requirement

- CPU: 2.0GHz or above(recommend 3.0GHz)
- RAM: 256MB or above(recommend 1.0GB)
- Graphic card: 64MHz or above
- OS: Windows 7,Vista, XP, Mac OS
- Internet Explorer6.0 or above, or compatible browser, Firefox etc.

1.3.Introduction

HD series IP Camera(C50,C5) provides a professional home or small business surveillance solution . Up to 720p HD video quality, rich detail and crisp image quality. With IRCUT to ensure that the images are real colour. Through PTZ control, can cover wider areas. Support motion detection and night vision function, round-the-clock surveillance. Easy to use, supports P2P technology, plug and view. Support two-way audio , it may voice intercom. Support WI-FI , can convenient links to the wireless router.Support H.264 video compression technology, need the minimum bandwidth, more suitable for smartphone viewing.

SD series IP Camera(C30,C3) provides a professional home or small business surveillance solution . Adopt MJPEG encoding technology, resolution up to VGA (640 * 480).Through PTZ control,can cover wider areas.Support motion detection and night vision function, round-the-clock surveillance . Easy to use, supports P2P technology, plug and view. Support two-way audio , it may voice intercom. Support WI-FI , can convenient links to the wireless router.

1.4.Features

HD series IP camera (C50,C5):

1.HD plus IRCUT：720p HD Video Quality, you can get rich detail and crisp image quality. With IRCUT to ensure that the images are real colour.

2.PTZ(C50)：You can PTZ control, move to the area you want to see， cover wider areas.

3.Plug and View: Zero configuration. By leading “CloudNeteye” APP with the cloud P2P server, you do not need to configure the wireless router and DDNS. You only need to use your

smartphone scan the QR code of the device, automatic P2P registration, then you can view immediately, life is just that simple. plug and view.

4.Remote Viewing：Use P2P “CloudNeteye”APP, you can remote view through the iPhone, Android smartphone.

5.H.264 Video Compression：H.264 video compression technology, the same picture quality, need the minimum bandwidth network traffic, more suitable for smartphone viewing.

6.Night Vision: This device can not only able to work during the day, with infrared LED, it can also work at the night, round-the-clock surveillance.

7.WI-FI Connect: WI-FI easily connect to a wireless router. You can easily get rid of the trouble of deployment the Ethernet cable.

8.SD/TF storage card：You can store image and video on your SD/TF.

9.Motion detection and alarm：If you need to monitor a certain area, when an exception occurs in the region, trigger an alarm automatically , send alarm information by e-mail, FTP. （You can enter CD Driver:\FAQ\FAQ-en,Please refer to the FAQ-en question 4 for detail）

10. Two-way audio ：Not just screen monitor, you can also voice intercom. When you find the abnormal situation, you can be reminded by voice intercom, to ensure safety.

11. Sound detection: When sound detection function is on, if detected abnormal voice within the scope of the camera to monitor, the camera will trigger the alarm automatically, and send alarm information through E-mail, FTP.

More feature: Concurrent multiple video streams、Account permissions

SD series IP camera(C30,C3):

1、PTZ(C30)：You can PTZ control, move to the area you want to see, cover wider areas.

2、Plug and View ：Zero Configuration. By leading “CloudNeteye” APP with the cloud P2P server, you do not need to configure the wireless router and DDNS. You only need to use your smartphone scan the QR code of the device, automatic P2P registration, then you can view immediately, life is just that simple. plug and view.

3、Remote Viewing：Use “CloudNeteye”APP, you can remote view through the iPhone, Android smartphone.

4、Motion detection and alarm：If you need to monitor a certain area, when an exception occurs in the region, automatically trigger an alarm, send alarm information by e-mail, FTP. （You can enter CD Driver:\FAQ\FAQ-en,Please refer to the FAQ-en question 4 for detail）

5、Night Vision：This device can not only able to work during the day, with infrared LED, it can also work at the night, round-the-clock surveillance.

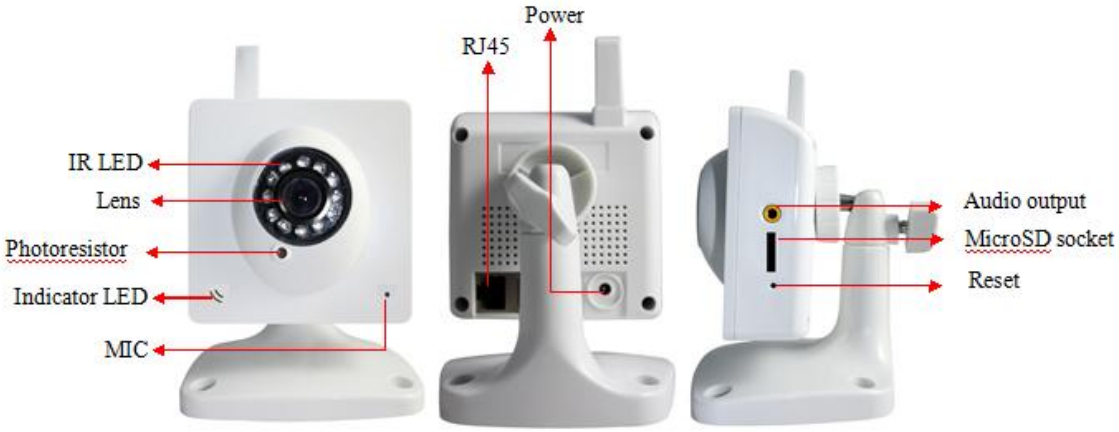
6、WI-FI Connect：WI-FI easily connect to a wireless router. You can easily get rid of the trouble of deployment the Ethernet cable.

7、Two-way audio ：Not just screen monitor, you can also voice intercom. When you find the abnormal situation, you can be reminded by voice intercom, to ensure safety.

1.5.Hardware overview

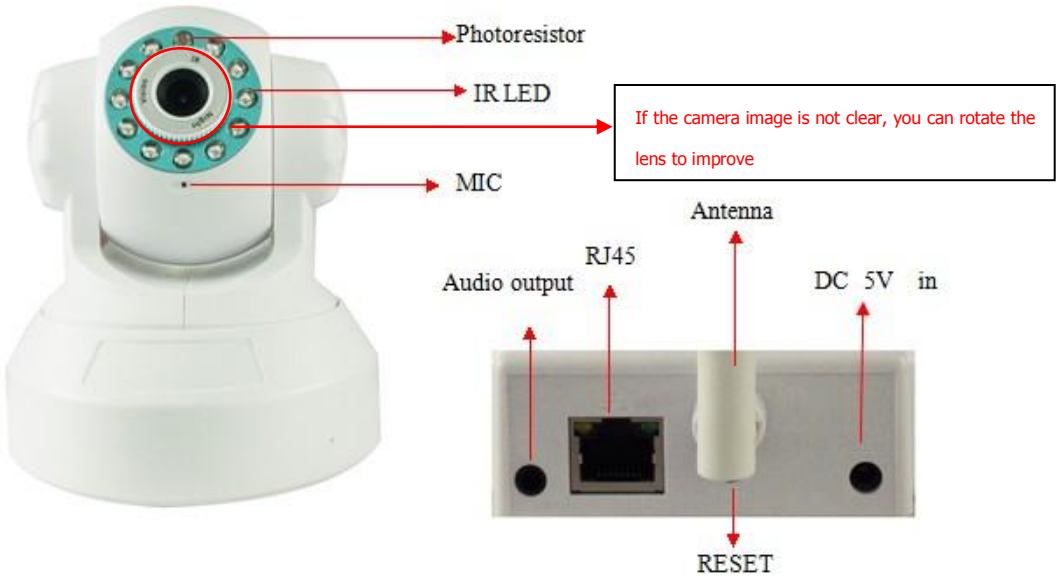
HD series IP camera（C50、C5）

C50

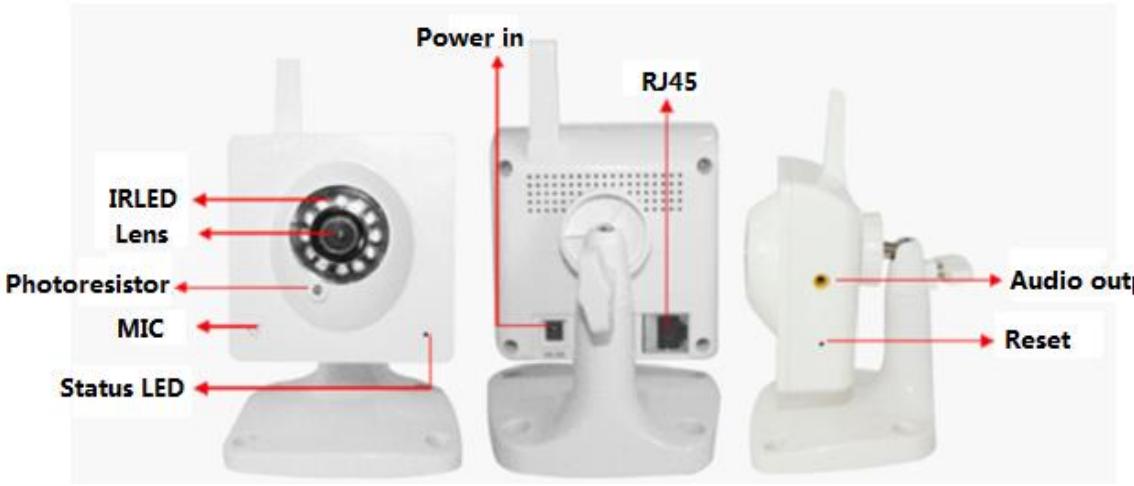


C5

SD series IP camera (C30, C3)



C30



C3

2. Installation

2.1.Hardware installation

2.1.1.Table install

2.1.1.1.Cube IP Camera

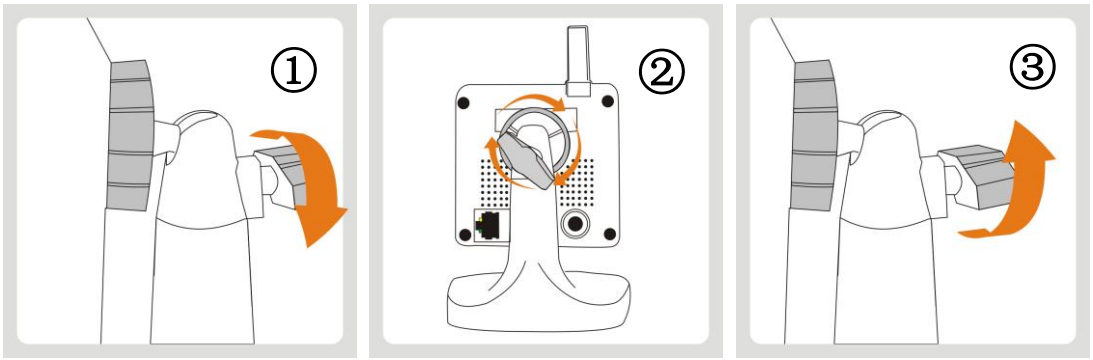


Figure1.Take out the bracket ,turn the screw on the camera base counter-clock wise to loosen it.
Figure2.Camera connect to camera base, turn the collar on the camera base clockwise to tighten it.
Figure3.Moving the camera to the position you want, tighten the screw by turning it clock wise.

2.1.1.2.PTZ IP Camera

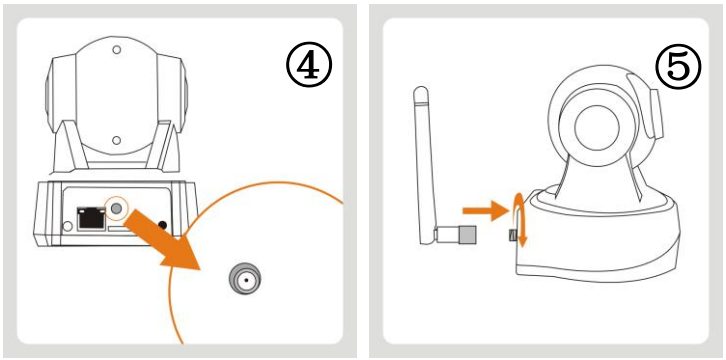


Figure4.Take out the camera and antenna

Figure5.Attach antenna to the antenna connector on the back of the camera, and fix it.

2.1.2.Wall install

According to your needs, refer to the figure to install。

2.1.2.1. Cube IP Camera

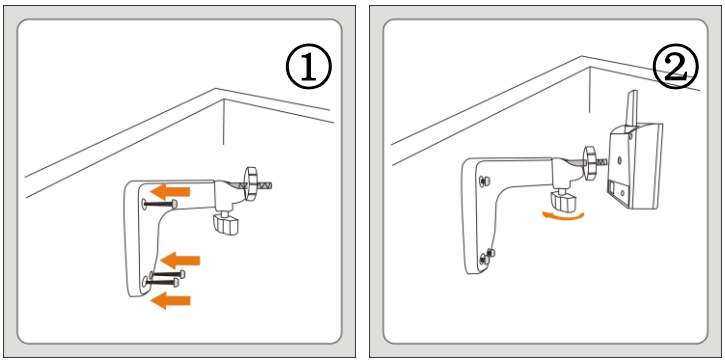


Figure 1:Take out the bracket,then fix the bracket to the wall using screws.

Figure 2:Turn the screw on the bracket counter-clock wise to loosen it.

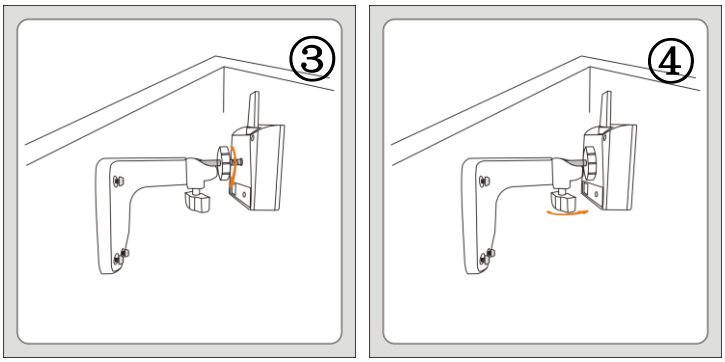


Figure 3:Camera connect to bracket, turn the collar on the bracket clockwise to tighten it.

Figure 4:Moving the camera to the position you want, tighten the screw by turning it clock wise.

2.1.2.2.PTZ IP Camera

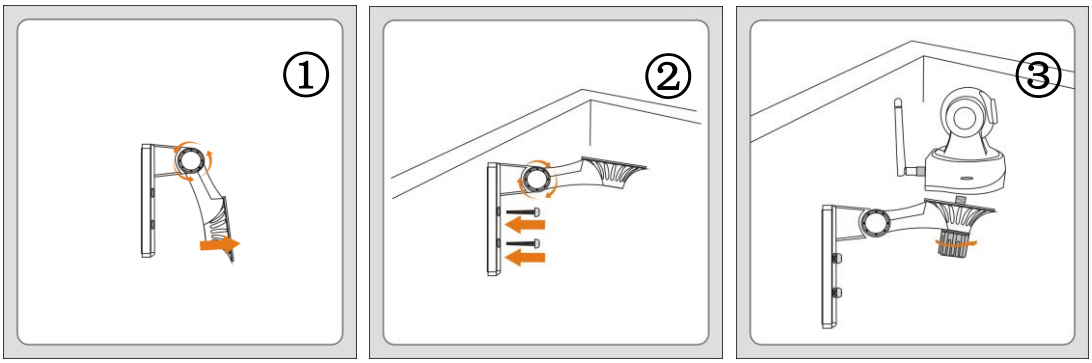


Figure 1:Turn the collar on the bracket to loosen it then move the camera to the position you want .

Figure 2: Turn the collar on the bracket to tighten it,then fix the bracket to the wall using screws.

Figure 3:Camera connect to bracket, turn the collar on the bracket clockwise to tighten it.

2.1.3.Hardware Connection

2.1.3.1.PTZ Camera

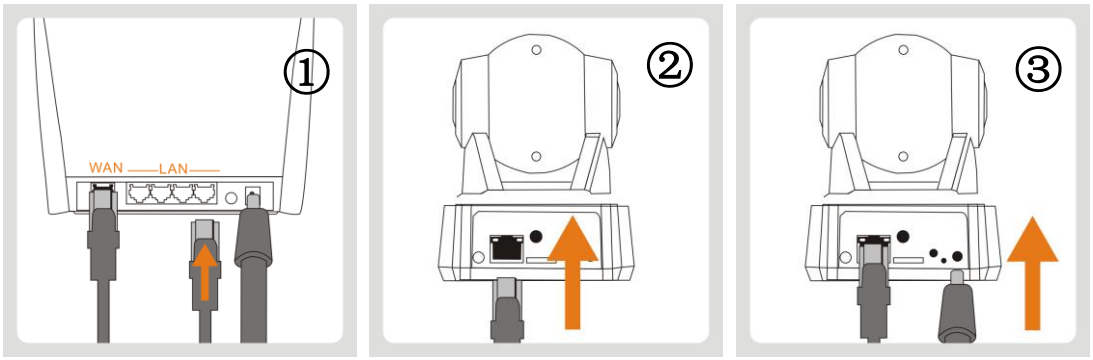


Figure1.Connect an Ethernet cable to the LAN port on your router. Note: If your Router connected to a MODEM.The camera is unable to connect to the port of the MODEM.
Figure2.Connect the other end of the Ethernet cable to the network interface of the camera.
Figure3.Connect the power adapter to the power receptacle of the camera, the other end of the power adapter to a nearby power strip. （Make sure power adapter is plugged properly into device power receptacle. Some users may mistakenly plug the power connector to device's audio interface）

2.1.3.2.Cube IP Camera

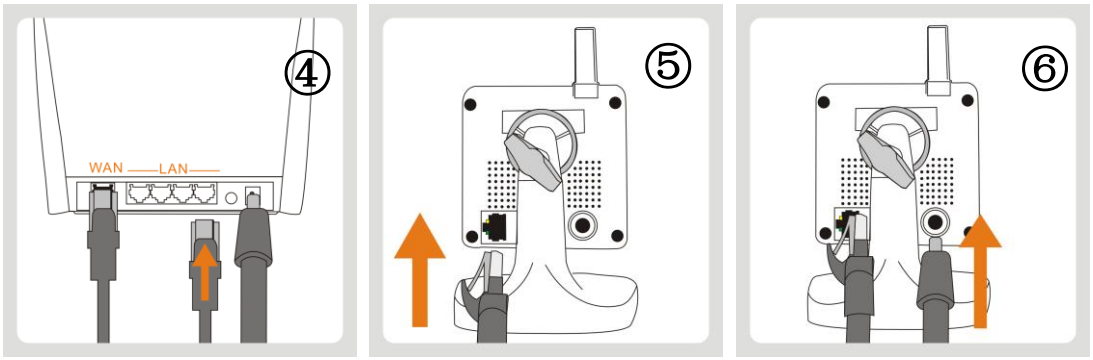
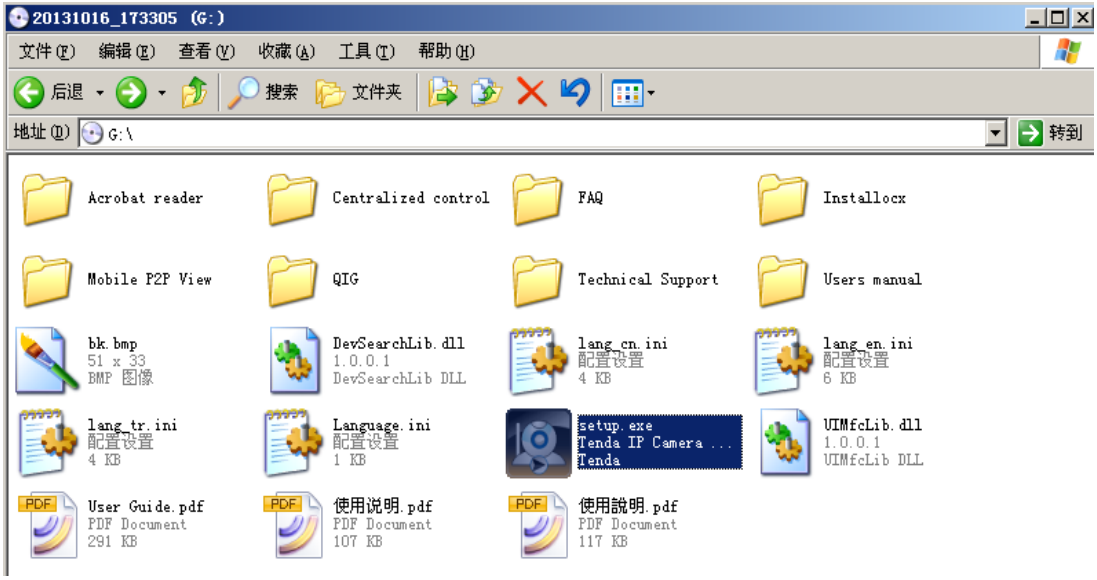


Figure 4.Connect an Ethernet cable to the LAN port on your router. Note: If your Router connected to a MODEM.The camera is unable to connect to the port of the MODEM.
Figure 5.Connect the other end of the Ethernet cable to the network interface of the camera.
Figure 6.Connect the power adapter to the power receptacle of the camera, the other end of the power adapter to a nearby power strip.
（Make sure power adapter is plugged properly into device power receptacle. Some users may mistakenly plug the power connector to device's audio interface）.

3. Setup Wizard

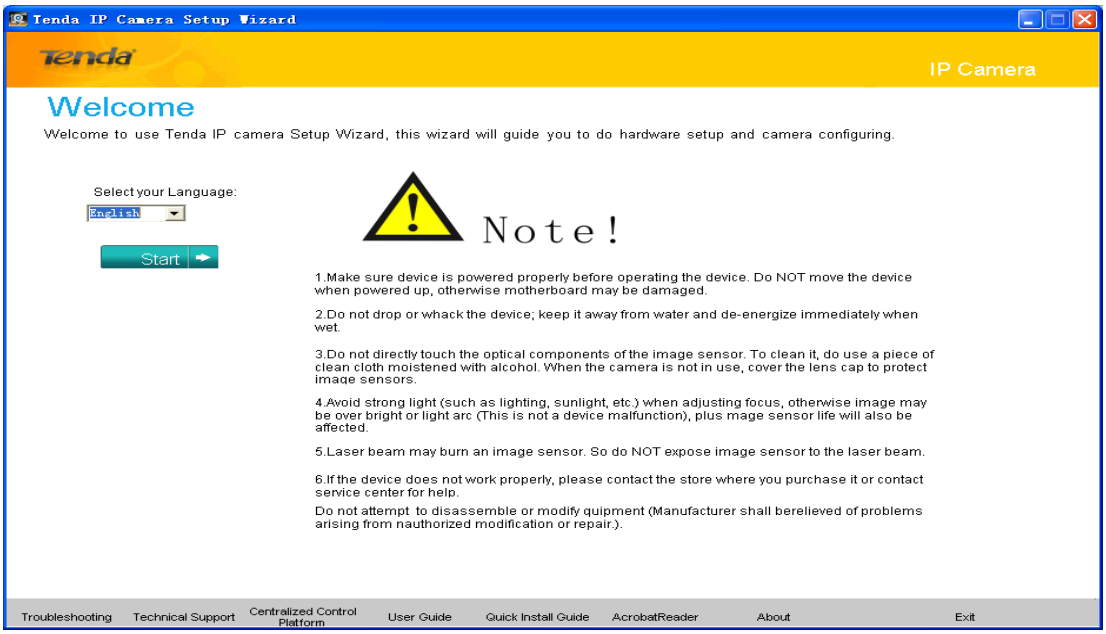
Step 1: Insert the included CD into your computer's CD drive, enter CD driver and then click "

" to run the Setup Wizard utility. This wizard will guide you connect Tenda super easy IP camera series to your network.



Step 2: Select the language you need and click "

" in the appearing page.


Tenda IP Camera Setup Wizard
Tenda
IP Camera
Welcome
Welcome to use Tenda IP camera Setup Wizard, this wizard will guide you to do hardware setup and camera configuring.
Select your Language:
English
Start
Note!
1.Make sure device is powered properly before operating the device. Do NOT move the device when powered up, otherwise motherboard may be damaged.
2.Do not drop or whack the device; keep it away from water and de-energize immediately when wet.
3.Do not directly touch the optical components of the image sensor. To clean it, do use a piece of clean cloth moistened with alcohol. When the camera is not in use, cover the lens cap to protect image sensors.
4.Avoid strong light (such as lighting, sunlight, etc.) when adjusting focus, otherwise image may be over bright or light arc (This is not a device malfunction), plus mage sensor life will also be affected.
5.Laser beam may burn an image sensor. So do NOT expose image sensor to the laser beam.
6.If the device does not work properly, please contact the store where you purchase it or contact service center for help.
Do not attempt to disassemble or modify quipment (Manufacturer shall berelieved of problems arising from nauthorized modification or repair.).
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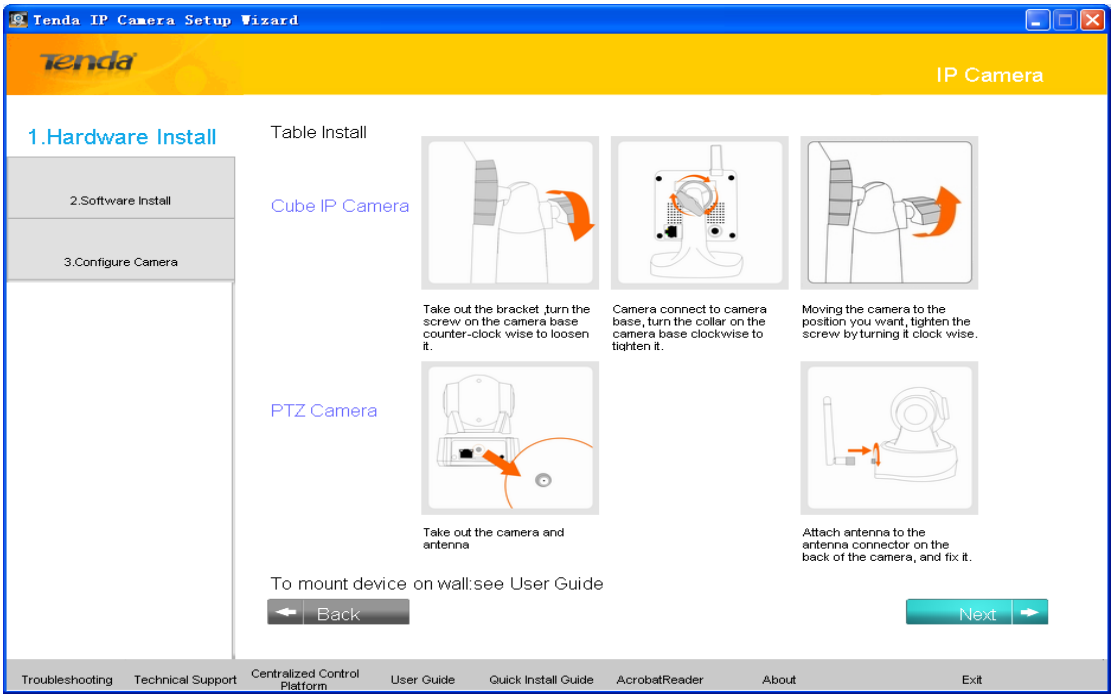
Step 3: Follow instructions on the setup wizard screen below to complete installation of hardware on desktop and then click "

".


Tenda IP Camera Setup Wizard
IP Camera
1.Hardware Install
2.Software Install
3.Configure Camera
Table Install
Cube IP Camera
Take out the bracket ;turn the screw on the camera base counter-clock wise to loosen it.
Camera connect to camera base, turn the collar on the camera base clockwise to tighten it.
Moving the camera to the position you want, tighten the screw by turning it clock wise.
PTZ Camera
Take out the camera and antenna
Attach antenna to the antenna connector on the back of the camera, and fix it.
To mount device on wall:see User Guide
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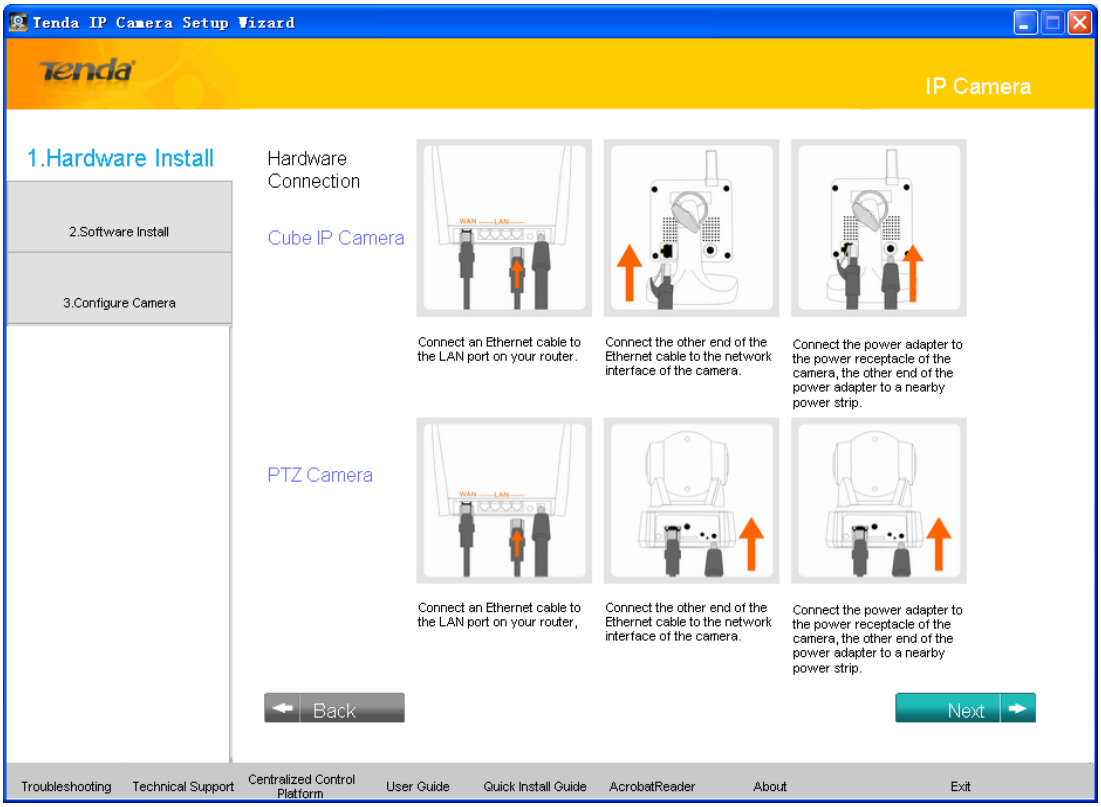
Step 4: Follow instructions on the setup wizard screen below to connect hardware (Make sure power adapter is plugged properly into device power receptacle. Some users may mistakenly plug the power connector to device's audio interface) and then click "Next".


Tenda IP Camera Setup Wizard
IP Camera
1.Hardware Install
2.Software Install
3.Configure Camera
Hardware Connection
Cube IP Camera
Connect an Ethernet cable to the LAN port on your router.
Connect the other end of the Ethernet cable to the network interface of the camera.
Connect the power adapter to the power receptacle of the camera, the other end of the power adapter to a nearby power strip.
PTZ Camera
Connect an Ethernet cable to the LAN port on your router,
Connect the other end of the Ethernet cable to the network interface of the camera.
Connect the power adapter to the power receptacle of the camera, the other end of the power adapter to a nearby power strip.
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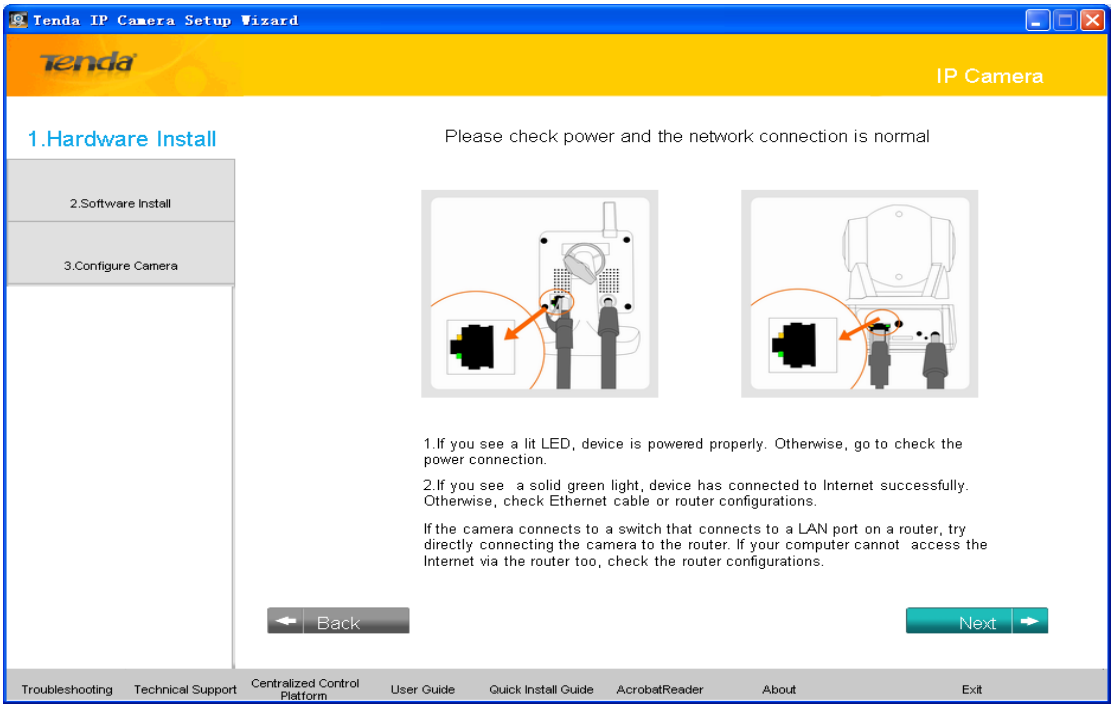
Step 5: Follow instructions on the setup wizard screen below to check power and network connections. If everything is OK, click "Next".


Tenda IP Camera Setup Wizard
IP Camera
1.Hardware Install
2.Software Install
3.Configure Camera
Please check power and the network connection is normal
1.If you see a lit LED, device is powered properly. Otherwise, go to check the power connection.
2.If you see a solid green light, device has connected to Internet successfully. Otherwise, check Ethernet cable or router configurations.
If the camera connects to a switch that connects to a LAN port on a router, try directly connecting the camera to the router. If your computer cannot access the Internet via the router too, check the router configurations.
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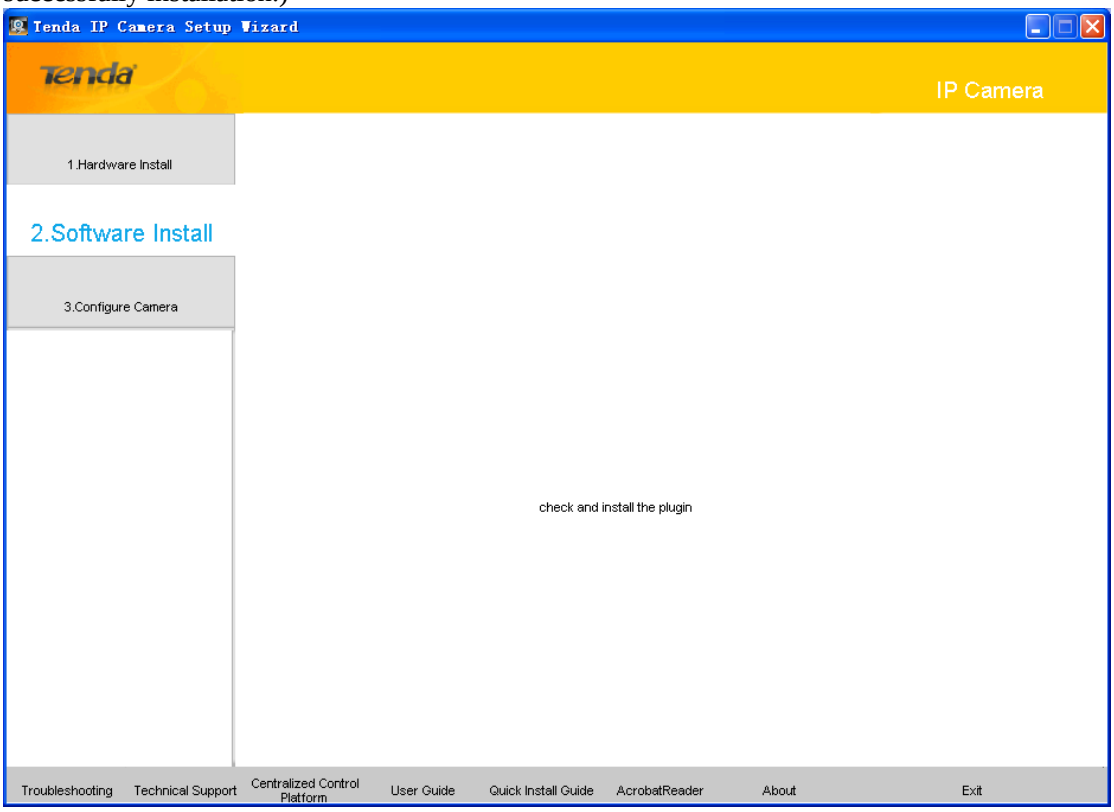
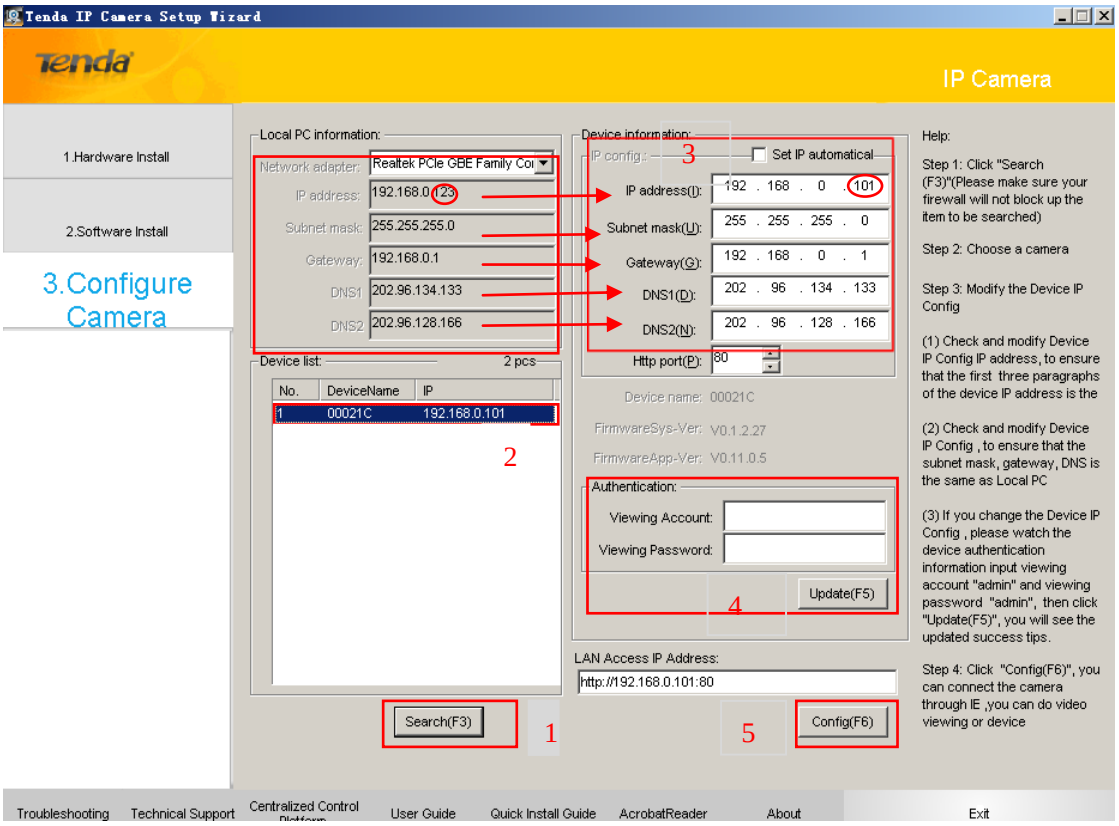
Step 6: Setup wizard will automatically complete Active-X detection and install (If your firewall asks whether to block the Active-X during installation, select allow installation to ensure successfully installation.)



Step 7: Follow instructions on the setup wizard screen below to complete basic configurations for the camera and then click " ".


Tenda IP Camera Setup Wizard
IP Camera
1.Hardware Install
2.Software Install
3.Configure Camera
Local PC information:
Network adapter: Realtek PCIe GBE Family Cor
IP address: 192.168.0.123
Subnet mask: 255.255.255.0
Gateway: 192.168.0.1
DNS1 202.96.134.133
DNS2 202.96.128.166
Device information:
IP config:
Set IP automatical
IP address(I): 192 . 168 . 0 . 101
Subnet mask(U): 255 . 255 . 255 . 0
Gateway(G): 192 . 168 . 0 . 1
DNS1(D): 202 . 96 . 134 . 133
DNS2(N): 202 . 96 . 128 . 166
Http port(P): 80
Device list: 2 pcs
No. DeviceName IP
1 00021C 192.168.0.101
Device name: 00021C
FirmwareSys-Ver: V0.1.2.27
FirmwareApp-Ver: V0.11.0.5
Authentication:
Viewing Account:
Viewing Password:
Update(F5)
LAN Access IP Address:
http://192.168.0.101:80
Search(F3)
Config(F6)
Help:
Step 1: Click "Search (F3)"(Please make sure your firewall will not block up the item to be searched)
Step 2: Choose a camera
Step 3: Modify the Device IP Config
(1) Check and modify Device IP Config IP address, to ensure that the first three paragraphs of the device IP address is the
(2) Check and modify Device IP Config , to ensure that the subnet mask, gateway, DNS is the same as Local PC
(3) If you change the Device IP Config , please watch the device authentication information input viewing account "admin" and viewing password "admin", then click "Update(F5)", you will see the updated success tips.
Step 4: Click "Config(F6)", you can connect the camera through IE ,you can do video viewing or device
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1. Click "Search(F3)". (If your firewall asks whether to block the utility, select don't block or directly disable firewall before you start searching.)

Note: If it's fail to search the camera , please enter the CD driver: \FAQ\FAQ-en, refer to Question 1 for detail.

2. Choose a camera in "Device list" list box.

3.Set IP address of the camera

You can choose one of way to change the IP address of the camera.

Method One:Set IP address of the camera automatical,you need to check " Set IP automatical". Note,this need your Router's DHCP Server function on.

Method Two:Set IP address of the camera manually.According to " Local PC information" parameter items， change " IP config:" arrow corresponding parameter items.Note " IP address(I):" parameter item, that number highlighted in red circles should not be the same.

4.When you complete the settings above, watch the device authentication information input viewing account "admin" and viewing password "admin", then click "Update(F5)", you will see the updated success tips.

Then Click "Search(F3)" again, Choose a camera that changed IP address in "Device list" list box.

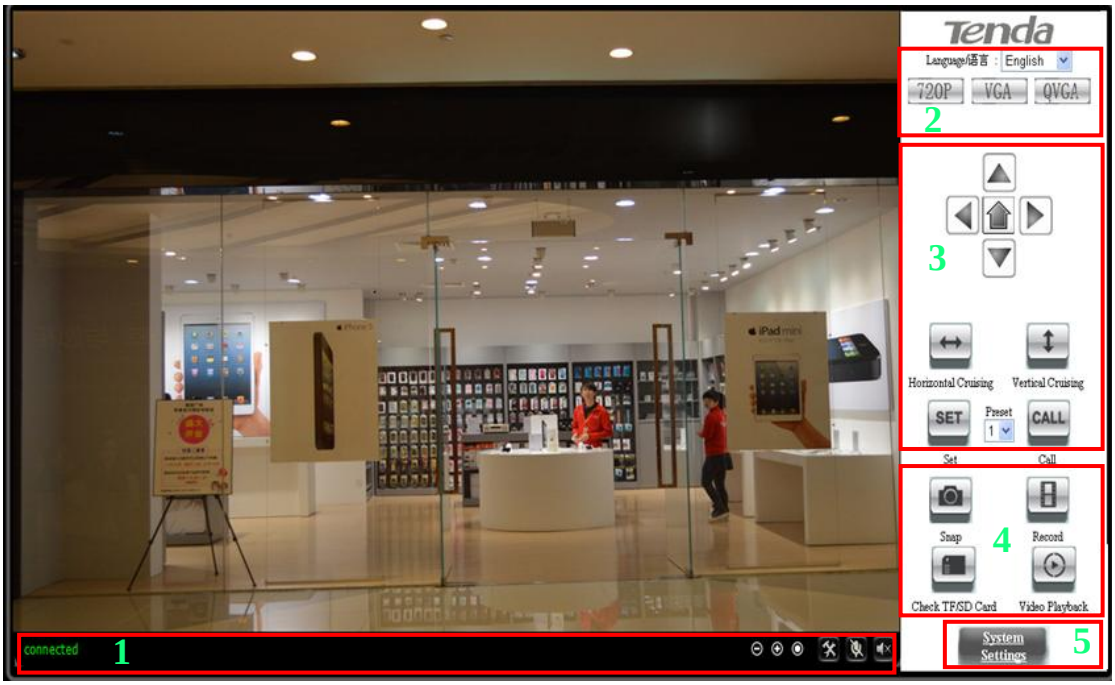
5.Click"Config(F6)" ， enter "admin" in both user name and password text boxes on the appearing login window, and then click "OK" to enter the Web UI. You will then be able to watch

videos or do system settings .

4. HD series Web Configuration（For C50/C5）

You can follow the setup wizard, in the last step of the wizard, Click"Config(F6)" ， enter "admin" in both user name and password text boxes on the appearing login window, and then click "OK" to enter the Web UI. If you have not changed your camera's default IP address, simply launch a web browser, input http://192.168.0.188 and then press "Enter" key . Enter "admin" in both user name and password text boxes. And then click "OK" to enter the web UI. You will then be able to watch videos or do system settings.

4.1.View video



1) Status bar

1. Display connection status ;
2. Display record status : if click "Record", it will show "REC" which stands for recording; click record button again, it will stop;
3. Zoom out, zoom in and restore digital zoom ;
4. Set saving file path: set the location for recording and capturing file storage(The default

directory is D:\Record and D:\Snap);

5. Talk button : Click this button to hear what the person at the side of computer talks. Click it again, it will stop playing;
6. Audio monitor button : Click this button to hear what people talking about at the side of IP Cameras,

2) Select language and bit-rate

You can change language between Chinese and English.

You can select 720P（Image quality is best）, VGA（Image quality is good） and QVGA（Image quality in general） to view video, example for view video by 720P in LAN, by VGA in internet, by QVGA in smartphone.

3) PTZ control

If the camera supports PTZ function, you can click up, down, left, right arrow to control the camera moving, click button to center the camera.

When you set camera to a preset position, and then click button, after the camera is changed to other direction, click button can move the camera to the position you have set.

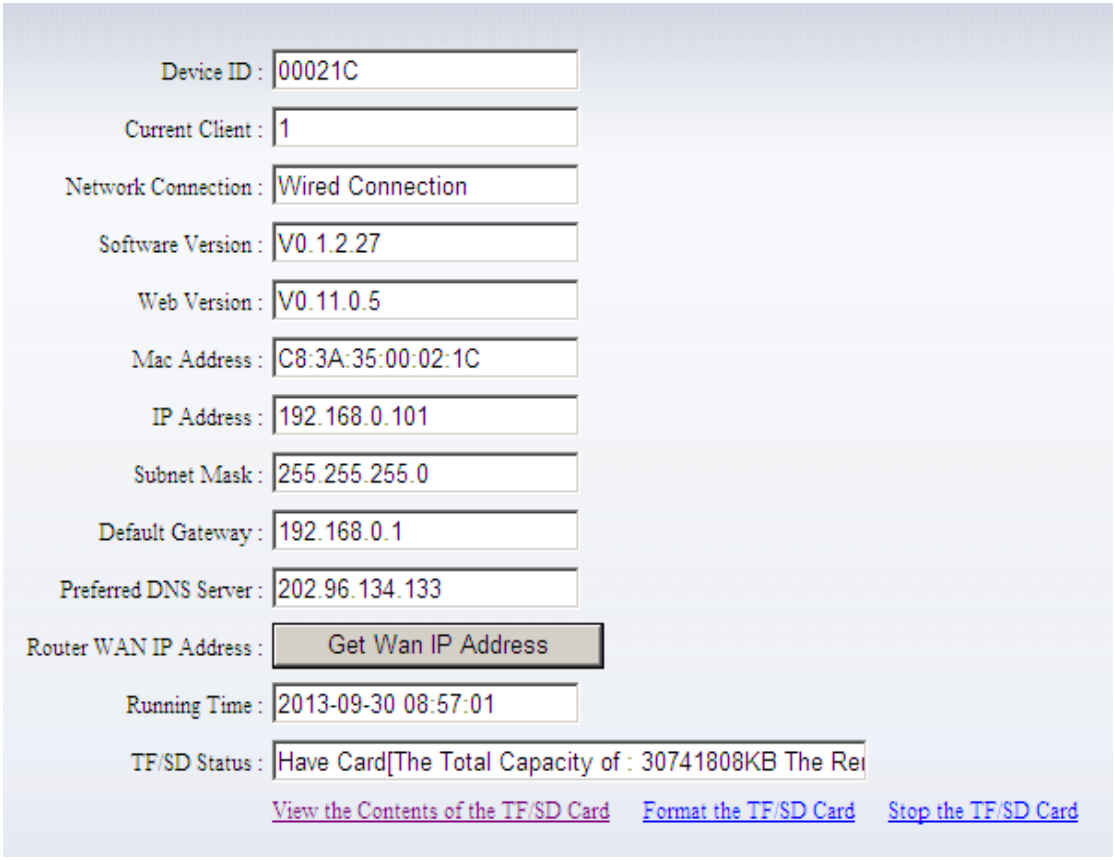
4) Snap/record/SD card/playback

- Click “Snap” button, to save the picture to the default path D:\Snap(If you want to change the file path, please click to set specified path)
- Click “Record” button to start record. Click again to stop record, the default path is D:\Record((If you want to change the file path, please click to set specified path)
- Click “Check TF/SD card” can browse the files in the SD card (If the SD card already inside the camera), you can select file to download it;

Click “Playback” button, it will show a player which can play the record video. For these buttons means:‘Play/Pause’;‘Open file’;‘Stop’;‘Prev file’ ; ‘Next file’; ‘Frame’; ‘Speed –’; ‘Speed +.

5) Click “System settings” button to enter system setting web page, you can configure your camera.

4.2. Running status


Device ID : 00021C
Current Client : 1
Network Connection : Wired Connection
Software Version : V0.1.2.27
Web Version : V0.11.0.5
Mac Address : C8:3A:35:00:02:1C
IP Address : 192.168.0.101
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.0.1
Preferred DNS Server : 202.96.134.133
Router WAN IP Address : Get Wan IP Address
Running Time : 2013-09-30 08:57:01
TF/SD Status : Have Card[The Total Capacity of : 30741808KB The Re
View the Contents of the TF/SD Card
Format the TF/SD Card
Stop the TF/SD Card

You can check some information of the device, example of software version, web version, Mac address, TF/SD card status.

Also can operate the functions for “Get Wan IP Address”,“View the Contents of the TF/SD card”, “Format the TF/SD card”, “Stop the TF/SD card”.

TF/SD status bar shows the free capacity if TF/SD card is inserted.

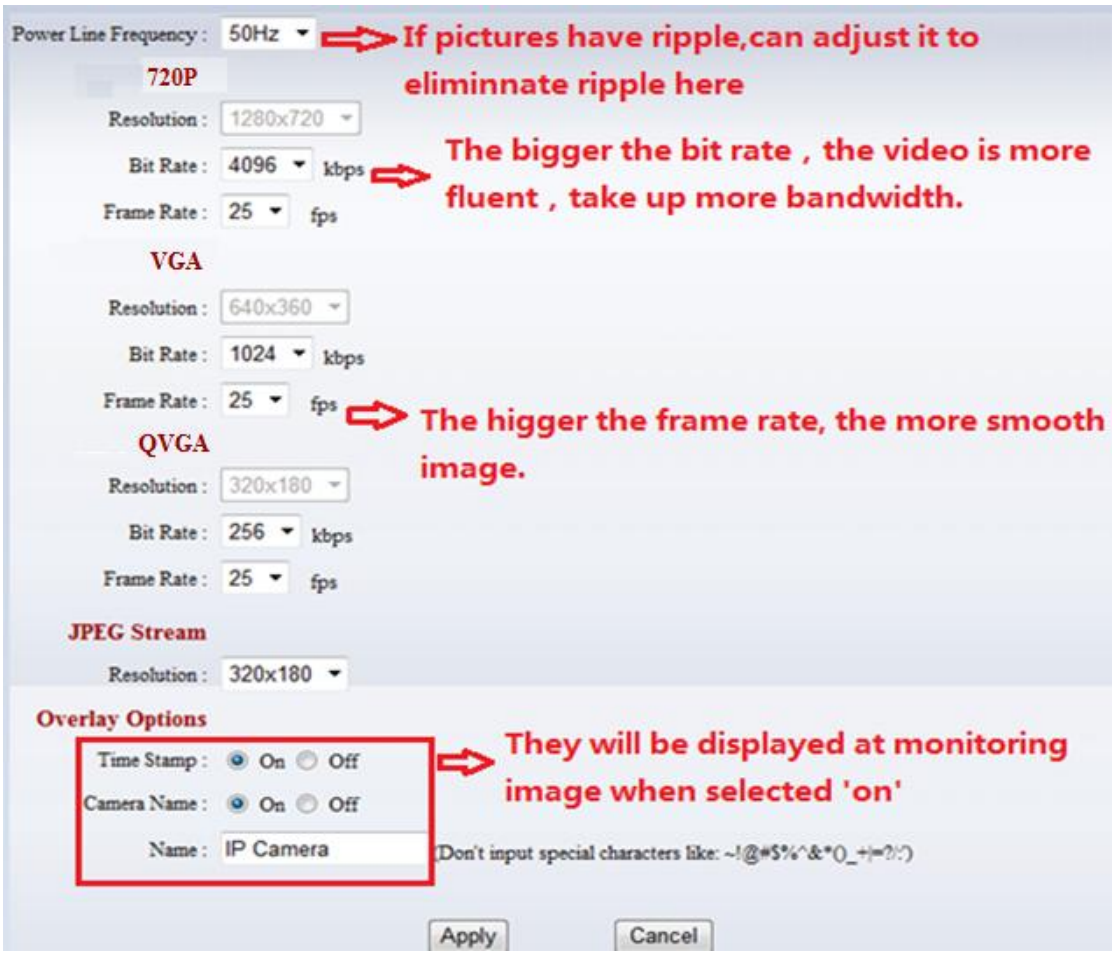
Tips：

① The device supports max 32G TF/SD card. Please format the TF/SD card to FAT32 before use the card on camera. Please check if the TF/SD Card matches the camera or not before purchasing the TF/SD Card.

② Please insert the TF/SD card when the device power off, otherwise damage the TF/SD card or the device can’t read TF/SD card.

4.3. Video setting

4.3.1. Video parameter


Power Line Frequency : 50Hz
If pictures have ripple,can adjust it to eliminnate ripple here
720P
Resolution : 1280x720
Bit Rate : 4096 kbps
Frame Rate : 25 fps
The bigger the bit rate , the video is more fluent , take up more bandwidth.
VGA
Resolution : 640x360
Bit Rate : 1024 kbps
Frame Rate : 25 fps
The higger the frame rate, the more smooth image.
QVGA
Resolution : 320x180
Bit Rate : 256 kbps
Frame Rate : 25 fps
JPEG Stream
Resolution : 320x180
Overlay Options
Time Stamp : On Off
Camera Name : On Off
Name : IP Camera
They will be displayed at monitoring image when selected 'on'
(Don't input special characters like: ~!@#$%^&*()_+|=?/:)
Apply
Cancel

Note: When you modify the parameters, you need to click Apply to save your settings.

4.3.2. Audio parameter

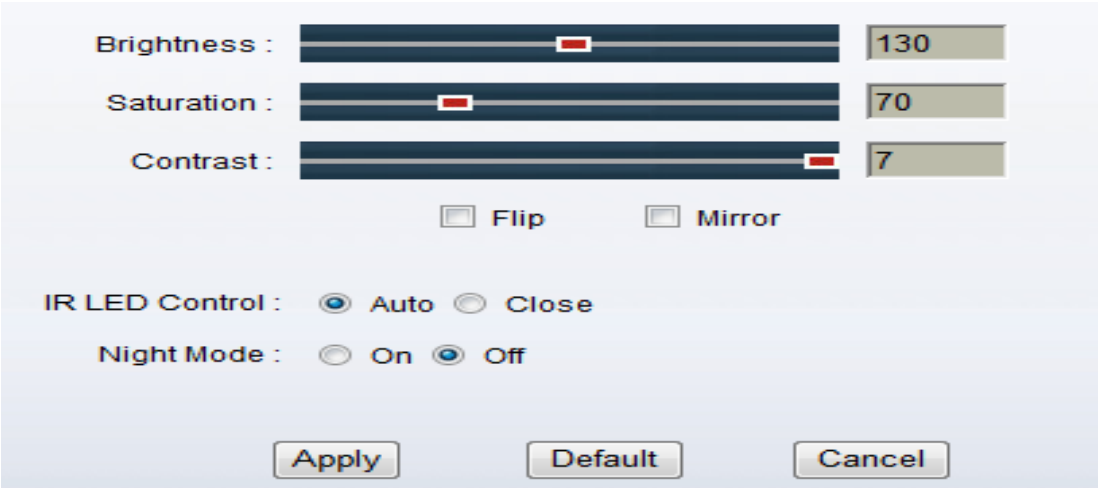
Audio Options
Input Volume : 65 (1-100) If the video noise loud, please turn it down a little
Output Volume : 45 (1-100)
720P
Audio Capture : On Off
Audio Type : G.711
G.711 sound quality is good but takes up more bandwidth.
VGA
Audio Capture : On Off
Audio Type : G.726
G.726 sound quality is worse but takes up less bandwidth.
QVGA
Audio Capture : On Off
Audio Type : G.726
Apply
Cancel

The camera supports G.711 and G.726 audio encoding format. The sound of the G.711 is better, but it occupies more bandwidth. If you click "On" of the audio capture, so it will transmit audio in corresponding video stream. Please open the audio here, should you hear the sound when clicking audio play button in 4.1.1.

Note: 1. If you want to do two-way audio by smartphone, the Audio Type need to set to G. 726.

2. When you modify the parameters, you need to click Apply to save your settings.

4.3.3. Image parameters

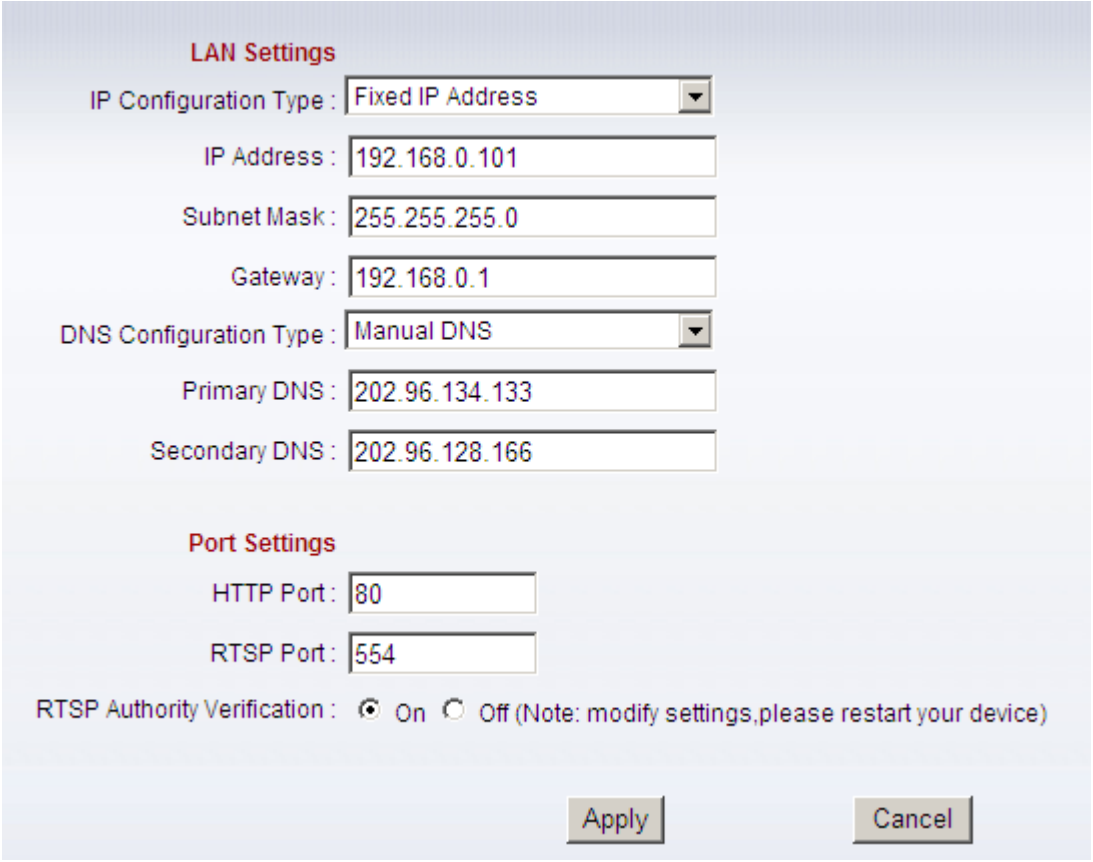


The camera will switch to Night Mode in the case of poor lighting, when the Night Mode is "On", and the IR LED Control is set "Auto". When the camera is Night Mode , the image of the camera is black and white. If in the day, you see the image of the camera is black and white, you can increase lighting or turn off the Night Mode to solve it.

Note: When you modify the parameters, you need to click Apply to save your settings.

4.4. Network setting

4.4.1. LAN settings


LAN Settings
IP Configuration Type : Fixed IP Address
IP Address : 192.168.0.101
Subnet Mask : 255.255.255.0
Gateway : 192.168.0.1
DNS Configuration Type : Manual DNS
Primary DNS : 202.96.134.133
Secondary DNS : 202.96.128.166
Port Settings
HTTP Port : 80
RTSP Port : 554
RTSP Authority Verification : On Off (Note: modify settings,please restart your device)
Apply
Cancel

You can choose one of the way to change the IP address of the camera.

Method One: Set IP address of the camera automatically by select "Dynamic IP Address "in" IP Configuration Type" item. Note,this need your Router's DHCP Server function on.

Method Two:Set IP address of the camera manually by select "Fixed IP Address "in" IP Configuration Type" item. You can refer to 《Quick Installation Guide》step 4 "Configure Camera" Sub-step3 "Set IP address of the camera" for detail.

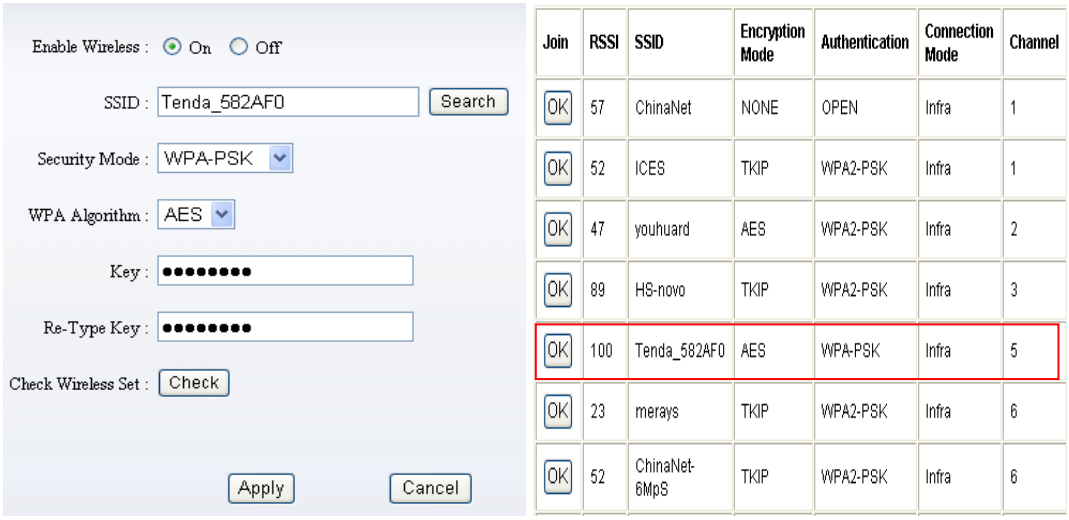
The default HTTP port is 80, if you do not modify the port, you can directly enter the camera IP in the web address field; if you change the port, you need to add "：" and port number benind the IP address. For example: If you modify the port is 8081, the camera IP address is 192.168.0.10. You must enter 192.168.0.10:8081 to access camera.

The cameras support RTSP protocol, if select "on" of "RTSP authority verification", you need to enter user name and password when invoke video by RTSP protocol.

Note: When you modify the parameters, you need to click Apply to save your settings.

4.4.2. WiFi setting

Login camera in wired connection and enter wifi setting, and then operate as the following step.

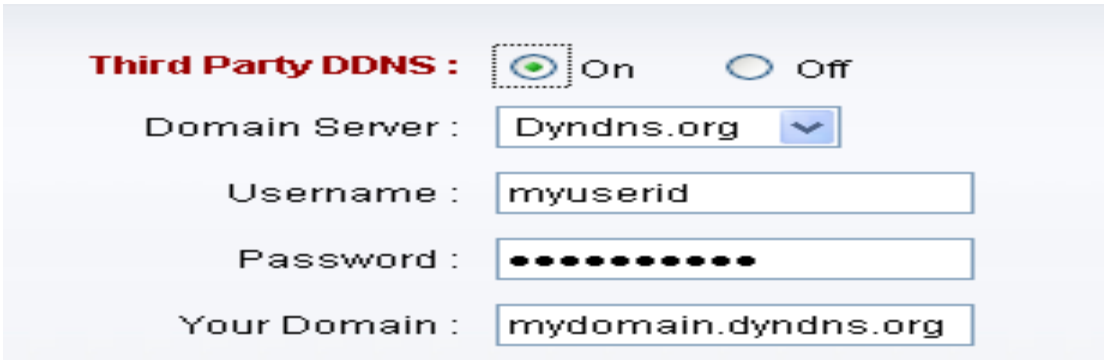

Enable Wireless : On Off
SSID : Tenda_582AF0 Search
Security Mode : WPA-PSK
WPA Algorithm : AES
Key :
Re-Type Key :
Check Wireless Set : Check
Apply Cancel
Join RSSI SSID Encryption Mode Authentication Connection Mode Channel
OK 57 ChinaNet NONE OPEN Infra 1
OK 52 ICES TKIP WPA2-PSK Infra 1
OK 47 youhuard AES WPA2-PSK Infra 2
OK 89 HS-novo TKIP WPA2-PSK Infra 3
OK 100 Tenda_582AF0 AES WPA-PSK Infra 5
OK 23 merays TKIP WPA2-PSK Infra 6
OK 52 ChinaNet-6MpS TKIP WPA2-PSK Infra 6

Select ‘On’ and click ‘Search’, and then select wireless Router in pop up menu, click ‘OK’ and enter its password, click ‘apply’ to save the wireless settings. And you can click ‘check’ to check if the wireless setting is successful. After setting successfully, please pull out network cable, then you can use the wireless function.

4.4.3. Remote Access setting

User can also use third party DDNS, such as www.dynddns.us, User applies a free domain name from this website and fills the info into below blanks and saves the settings. Then enter into the Web page of your Router to do port mapping. Then you can remote access to the camera by your PC.

Note: The IP of the camera should be fixed IP address, otherwise it’s unable to set the port mapping.

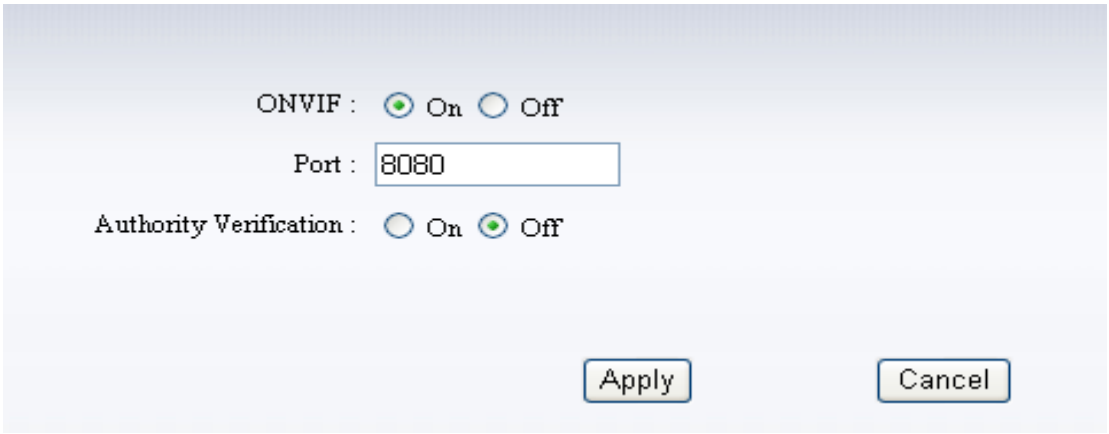


Note: Using the third party DDNS, if the http port is not 80, the port number should be added to the domain name with ":".

Example: http://chen.dynddns:8081.

Note: If there is something wrong with the set up a remote access, please enter the CD Driver: \FAQ\ FAQ-en, refer to Question 3 .

4.4.4. ONVIF settings



The camera supports ONVIF protocol, so it can be interconnected with NVR that support ONVIF. Supported ONVIF version: 2.0.1

Note: When you modify the parameters, you need to click Apply to save your settings.

4.5. Alarm setting

4.5.1. Motion Detection Setting

You can check any window form "Window1" to "Window4" to monitor it. When the exception occurs in the windows , it will trigger alarm. In the sensitivity of options, the higher the value, the greater the sensitivity, the more easy to trigger the alarm.

If the motion detection windows was designated , and then click "Apply", and do" Alarm mode setting" (Refer to 4.5.3 Alarm mode setting, such as E-mail Alarm and Email setting success) ,if an exception occurs in the selected windows, alarm is triggered automatically, then send the pictures to the corresponding mailbox.

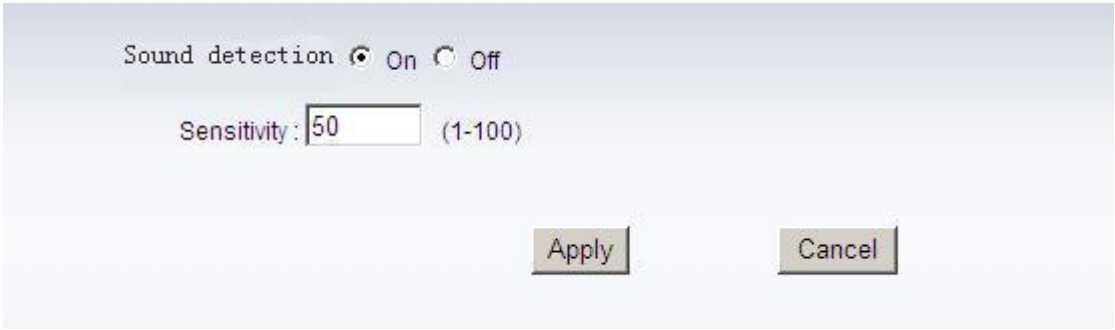
You can enter CD Driver: \ FAQ\FAQ-en, please refer to the FAQ-en question 4 for detai.

2013-10-08 17:42:59
The area for motion detection area, if the alarm set success, when change the region will trigger the alarm
Move the cursor to here, when the arrows into a two-way arrow, press the mouse left key drag can zoom in on the rectangular frame size
connected
Window1
Window2
Window3
Window4
Sensitivity : 100
Sensitivity : 50
Sensitivity : 50
Sensitivity : 50
Apply

Please click “apply” after the settings are done, and motion detection takes effect. The higher value, the higher sensitivity. The camera will trigger corresponding alarm when any change occurs in the detection area.

4.5.2. Sound detection Setting

If the camera Sound detection function is "on" and click "apply", and set " Alarm mode setting" (Refer to 4.5.3 Alarm mode setting, such as E-mail Alarm and Email setting success) and” Scheduled time setting”(Refer to 4.5.4 for detail), in the selected arming time , when the camera detecte abnormal sound, the camera will trigger alarm, snap and send to the corresponding mailbox. (The higher the sensitivity, the more likely trigger an alarm)

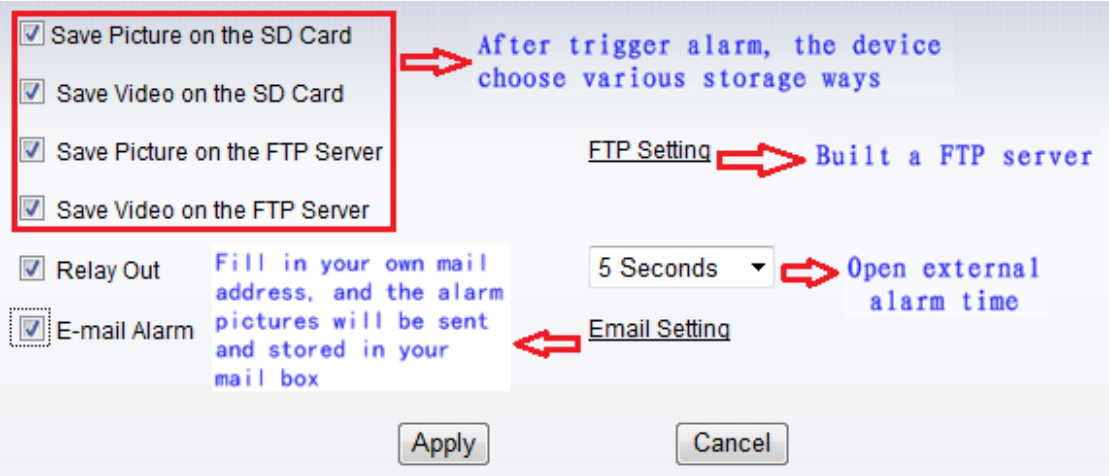


The Sound detection function is off default. When you select "on" and click "Apply", the sound detection will be on. The value of sensitivity higher , more easily to trigger the alarm.

4.5.3. Alarm mode setting

You can set the following way to get the alarm information. You just need to check the item

you want to set it.

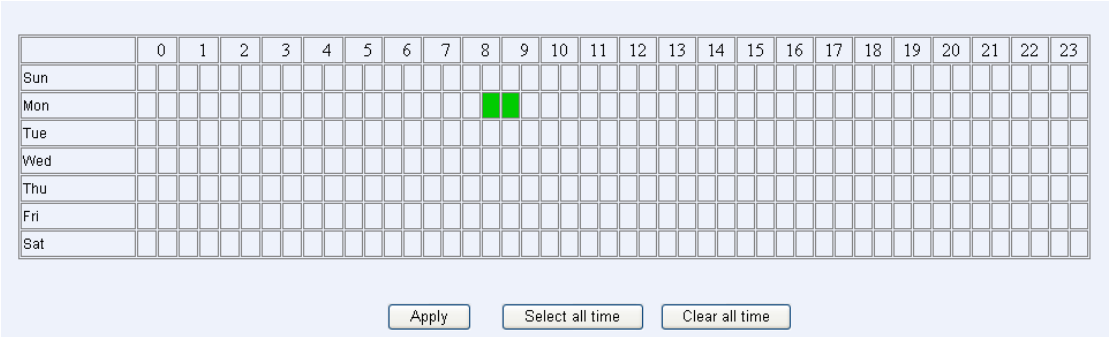

Save Picture on the SD Card
Save Video on the SD Card
Save Picture on the FTP Server
Save Video on the FTP Server
After trigger alarm, the device choose various storage ways
FTP Setting
Built a FTP server
Relay Out
E-mail Alarm
Fill in your own mail address, and the alarm pictures will be sent and stored in your mail box
5 Seconds
Open external alarm time
Email Setting
Apply
Cancel

About Email Setting, you can enter CD Driver: \ FAQ\FAQ-en, please refer to the FAQ-en question 4 for detai.

Note: When you modify the parameters, you need to click Apply to save your settings.

4.5.4. Scheduled time setting

Select the time you want to alarm. The default value is all time. If you want to alarm on certain time, you can select it on the time table.



The device will trigger the alarm only during the scheduled time period, you can select the scheduled time according to your request. As shown above, it sets armed time from Mon 8:30 to 9:30, you only need to click the corresponding time block to set them, the time block will become green when you selected.

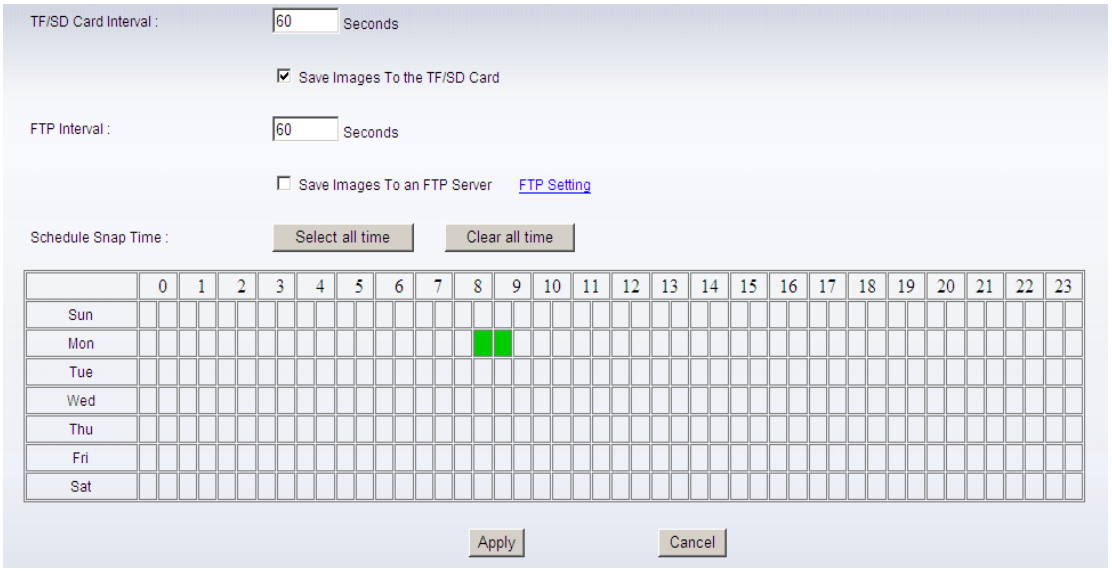
Note: Please make sure your system time is correct before you set the alarm time period. Please refer to chapter 4.8.2 to set system time.

Note: When you modify the parameters, you need to click Apply to save your settings.

4.6. Advanced setting

4.6.1. Auto capture

The camera will snap to TD/SD card or FTP server in the selected time by the time interval you setting.



If you check “Save Images to the TF/SD card”, the snap pictures will be stored into SD card during the setting time.

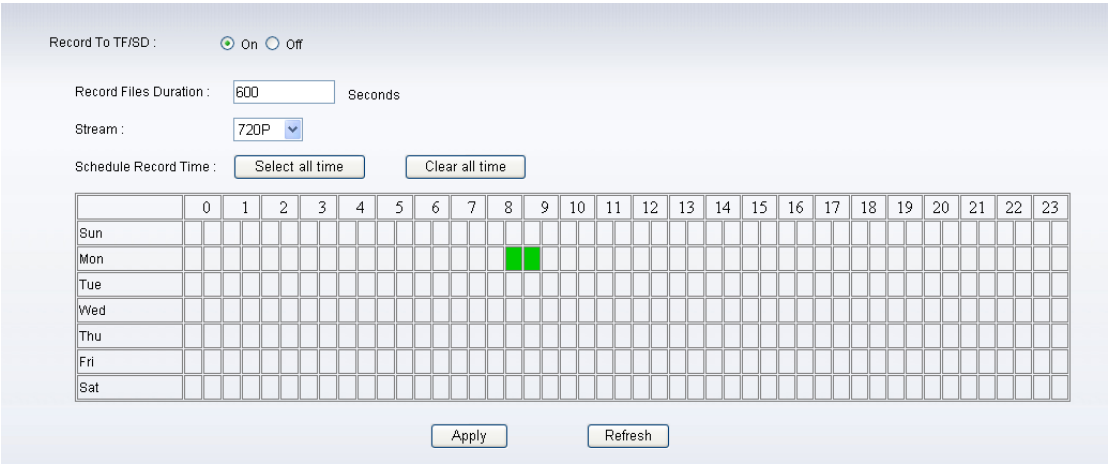
If you check ”Save Images To an FTP Server” ,the snap pictures will be stored into FTP server during the setting time.

As shown above, it sets auto capture from Mon 8:30 to 9:30, you only need to click the corresponding time block to set them, the time block will become green when you selected.

Note: When you modify the parameters, you need to click Apply to save your settings.

4.6.2. Record to TF/SD

If "Record to TF/SD" function is on, then the camera will record and store to TF / SD card automatically in the selected time period.



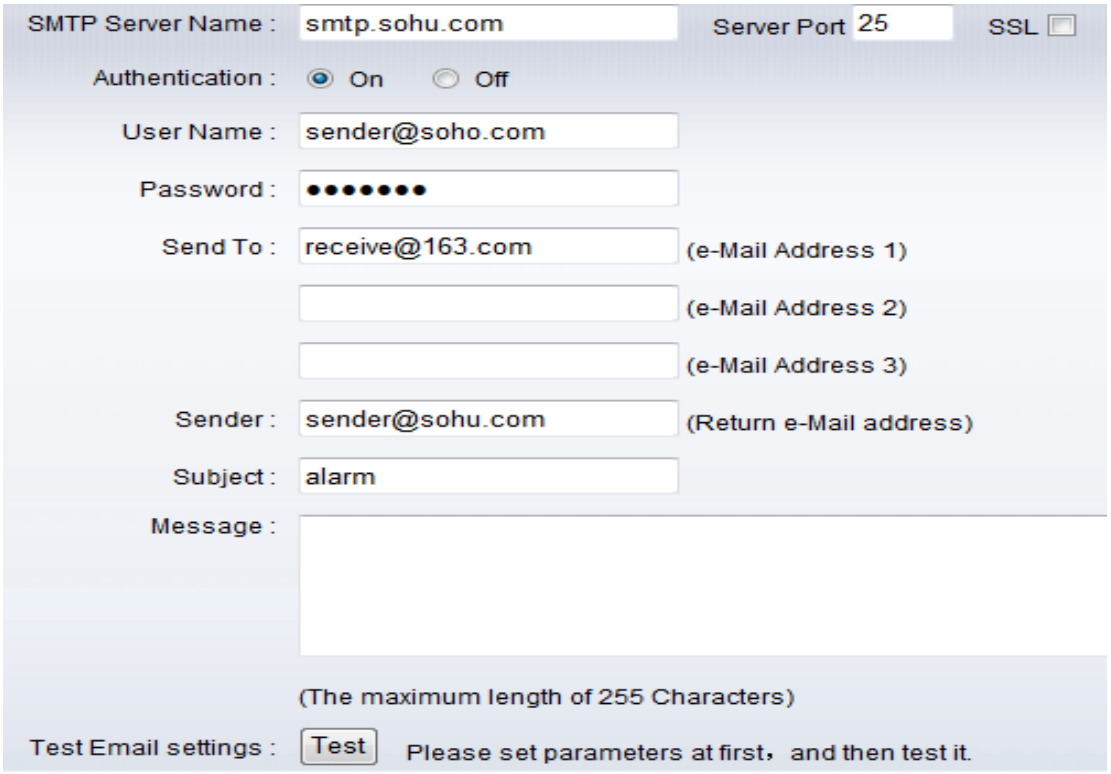
As shown above, it sets record from Mon 8:30 to 9:30, you only need to click the corresponding time block to set them, the time block will become green when you selected.

Note: When you modify the parameters, you need to click Apply to save your settings.

4.6.3.E-mail setting

When it detects alarming, it can send email to your appointed email box, but you need to set email service parameters correctly. As shown below, click “Submit” to save these parameters, and

then you can click “Test” to check if the setting is successful.


SMTP Server Name : smtp.sohu.com
Server Port 25
SSL
Authentication : On Off
User Name : sender@soho.com
Password : ●●●●●●●
Send To : receive@163.com (e-Mail Address 1)
(e-Mail Address 2)
(e-Mail Address 3)
Sender : sender@sohu.com (Return e-Mail address)
Subject : alarm
Message :
(The maximum length of 255 Characters)
Test Email settings : Test Please set parameters at first，and then test it.

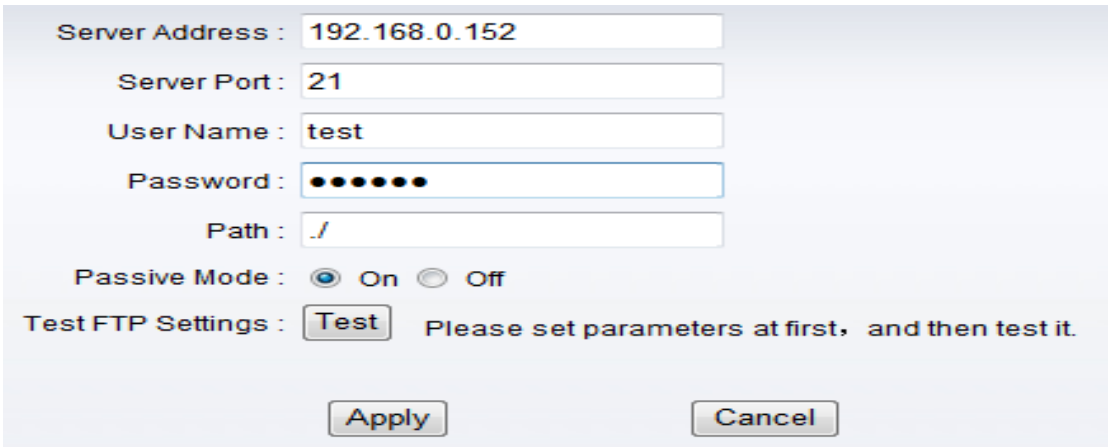
The SMTP server name: It is mailbox server, for example of SOHU mailbox, it is “smtp.sohu.com”. Please fill all blanks which we filled above. Otherwise, the settings will fail.

Please click “Test” to test if the E-mail setting is successful.

Note:If it’s failure when you point “Test”,You can enter CD Driver:\FAQ\FAQ-en, please refer to question 4 for detail.

4.6.4. FTP setting

The device will snap live pictures and send them to FTP server when alarming, but need to set the FTP setting correctly. As shown below, after the setting is finished, click “Test” to check your settings are correct or not.


Server Address : 192.168.0.152
Server Port : 21
User Name : test
Password : ●●●●●●
Path : ./
Passive Mode : On Off
Test FTP Settings : Test Please set parameters at first，and then test it.
Apply
Cancel

Before to use FTP function, please get the following ready.

1) FTP user name and password

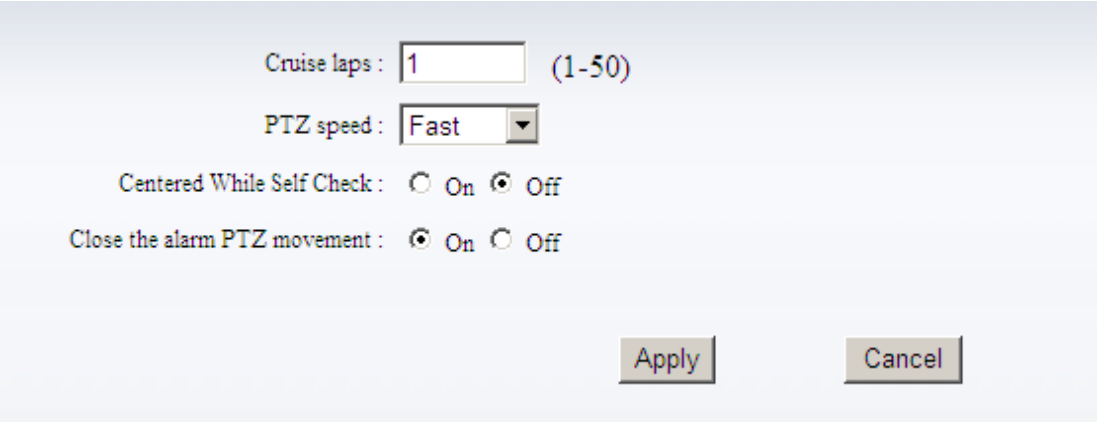
2) FTP storage space and the authority

3) Create sub-category to store the video or pictures.

Note: The password should not be special character, otherwise the camera can't identify it.

4.6.5. PTZ Protocol setting

PTZ Protocol Setting, set the cruise laps, PTZ speed, self-inspection location, Close alarm when PTZ movement. When you click Apply after setting the corresponding data will be saved.



Cruise laps: You can choose any number between 1 to 50, the camera will turn the corresponding number.

Note: Suggest you cruise laps not to set too big, If you set it is too big, the machine service life will be shorten .

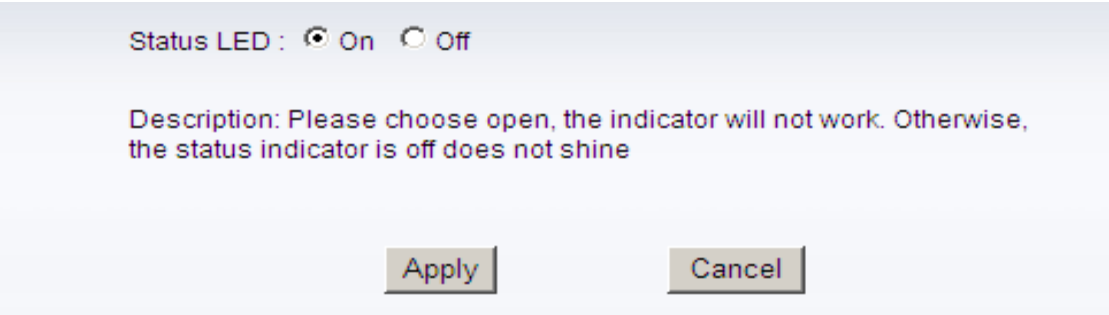
PTZ speed: PTZ hava fast, the second fast,slow,You can choose any one in the three levels, to adjust rotational speed of PTZ.

Center While Self Check: when the Center While Self Check is on, restart the camera, the camera's lens location is center automatically.

Close the alarm PTZ movement: When you select On, the camera will not trigger alarm when PTZ movement. If you select Off, the camera will trigger alarm when PTZ movement. Users need to click on the "Apply" after change the Settings, the corresponding Settings will be saved.

4.6.6. Status LED setting

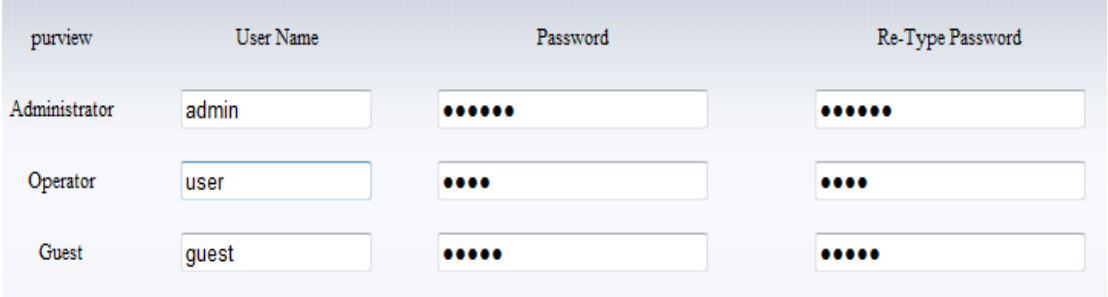
If you feel dazzling lights behind the camera affect your sleeping at night, you can choose to turn off the Status LED by select On.


Status LED : On Off
Description: Please choose open, the indicator will not work. Otherwise, the status indicator is off does not shine
Apply
Cancel

Note: When you modify the parameters, you need to click Apply to save your settings.

4.7. System setting

4.7.1. User management



There are 3 levels of user authorization in it.

- Administrator: “admin” has the highest authority. It can do any settings. The factory default password: admin.

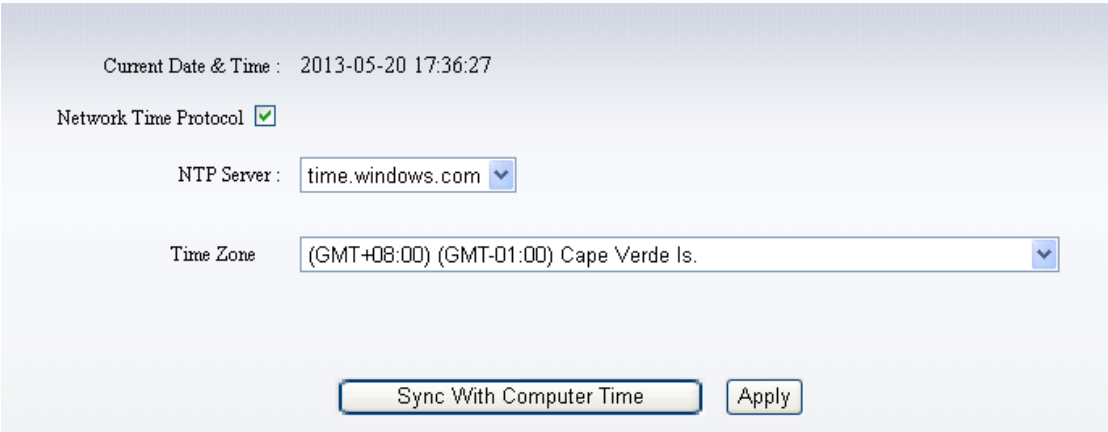
Note: It is recommended you set the administrator account user name is “admin”. Set your own password. If the administrator account user name is not “admin”, the user can not use PTZ function of the PTZ camera in centralized control software IPCamMonitor.

- User: user can only operate the device but can’t do any settings. The default password is user.
- Guest: User can view the video, but can’t operate the device. The default password is guest.

Note: Please change these 3 level passwords when your first use to ensure your safety.

4.7.2. Time settings

First time you use the camera, maybe the time on the picture is incorrect. Because the camera need to get the current time by Internet. If the camera connect to Internet, the camera will get current time,the time of the camera will update automatically.



Please select the time zone at first and then select a NTP server and obtain time from network time server.

4.7.3. Reboot IP camera

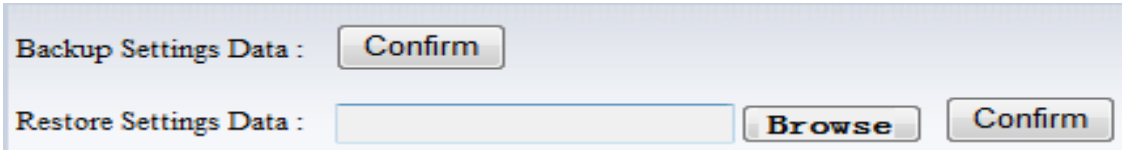
The camera will automatically restart when the firmware upgrade.

The camera will automatically restart When change the camera " Power Line Frequency "or " Audio Type " .

4.7.4. Restore factory default

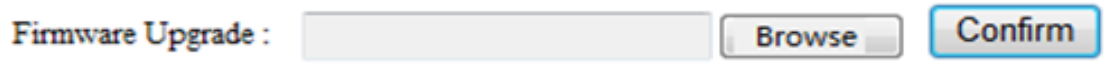
Restore factory default

4.7.5. Backup/Restore settings



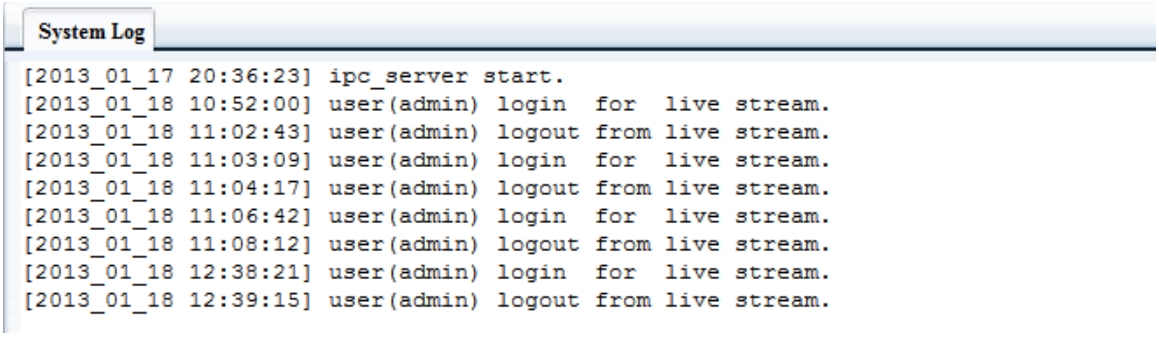
If you click “Confirm” of Backup setting data, the camera will create a file, you can store it to your computer, and you can directly call this file to restore the settings. The function helps to manage the cameras and no need to do all the settings again.

4.7.6. Upgrade



The firmware upgrade is for updating system firmware and web UI.

4.7.7. System Log

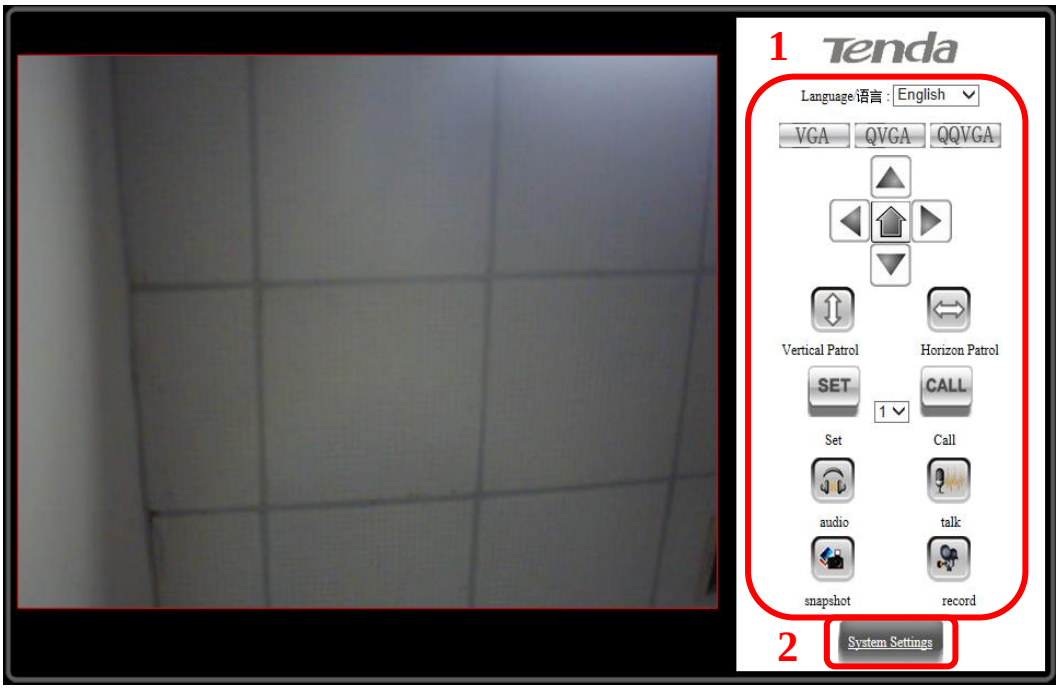

System Log
[2013_01_17 20:36:23] ipc_server start.
[2013_01_18 10:52:00] user(admin) login for live stream.
[2013_01_18 11:02:43] user(admin) logout from live stream.
[2013_01_18 11:03:09] user(admin) login for live stream.
[2013_01_18 11:04:17] user(admin) logout from live stream.
[2013_01_18 11:06:42] user(admin) login for live stream.
[2013_01_18 11:08:12] user(admin) logout from live stream.
[2013_01_18 12:38:21] user(admin) login for live stream.
[2013_01_18 12:39:15] user(admin) logout from live stream.

5. SD series Web configuration (for C30/C3)

You can follow the setup wizard, in the last step of the wizard, Click"

" ， enter “admin” in both user name and password text boxes on the appearing login window, and then click “OK” to enter the Web UI. If you have not changed your camera’s default IP address, simply launch a web browser, input http://192.168.0.188 and then press “Enter” key . Enter “admin” in both user name and password text boxes. And then click “OK” to enter the web UI. You will then be able to watch videos or do system settings.

5.1. View video



1) Operation interface

Language selection: support Simplified Chinese and English

Resolution selection button：VGA/QVGA/QQVGA（640*480/320*240/160*120）

PTZ control button：up/down/left/right/center

Vertical Patrol/Horizontal Patrol/Set preset/Call preset/Listen/Talk/Snapshot/Record

2) System settings

Click “System settings” button to enter system setting web page, you can configure your camera.

5.2. Run Status

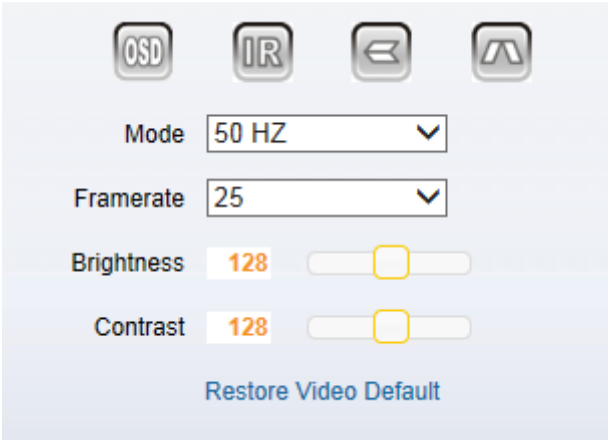
Device Status	
Device Firmware Version	50.2.0.145
Device Embeded Web UI Version	0.11.1.3
Alias	IPCAM
MAC	78:A5:DD:02:FA:A6
Wifi MAC	78:A5:DD:02:FA:A4

Refresh

You can check device firmware version, Web UI version, Alias, device MAC address etc.

5.3. Video setting

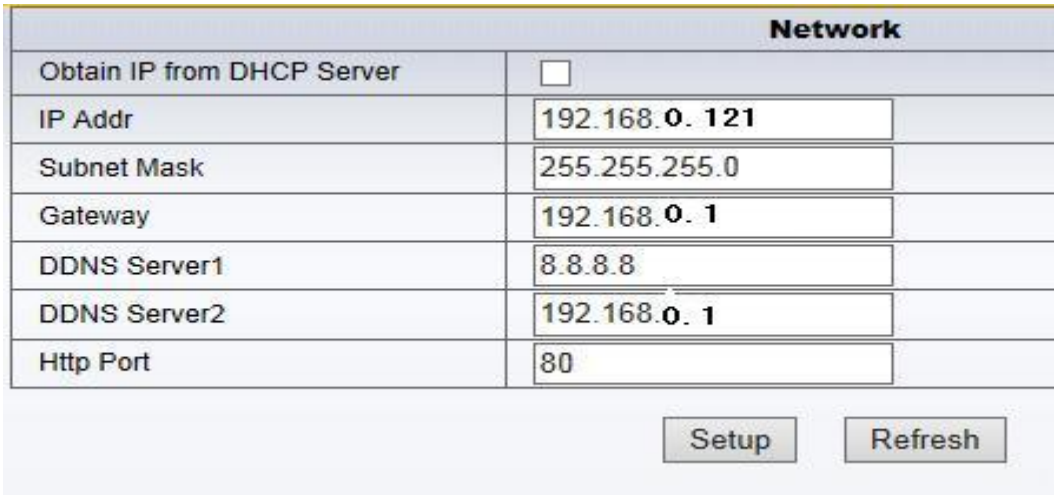
5.3.1. Video parameters setting



OSD/IR LED control/flip/mirror

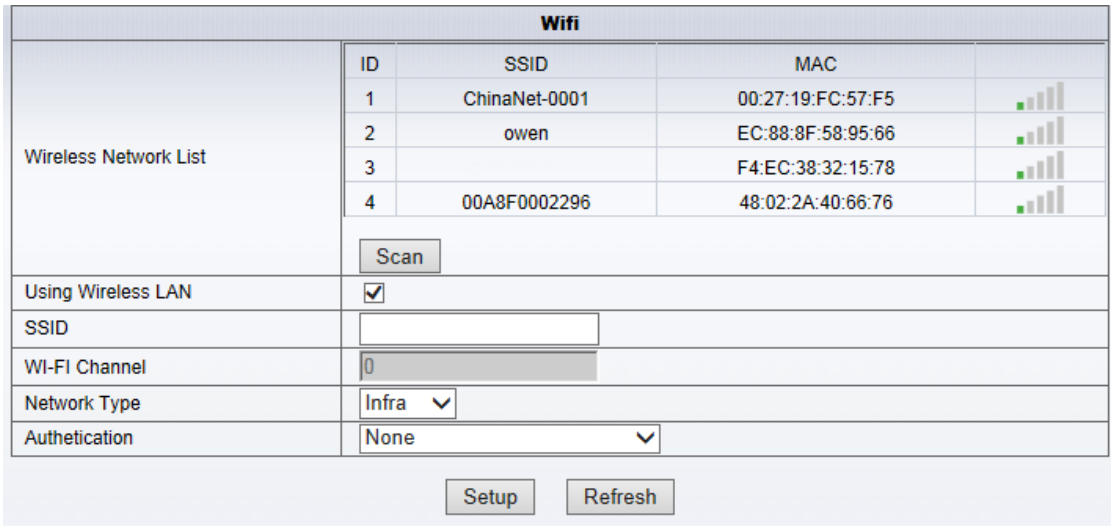
5.4. Network setting

5.4.1. LAN setting



If you want to change ip address of the camera, except for changing it in setup wizard, also you can change it in “LAN setting” of network setting.

5.4.2. WiFi setting

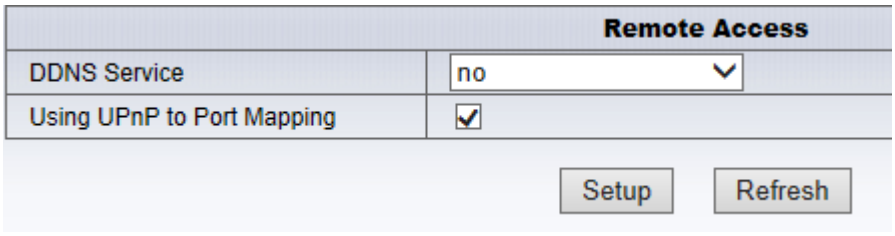


Enter the Wireless LAN Setting, click the "Scan" button, it will show you all the wireless networks detected in the Wireless Network list column. Select one of them and tick "Using Wireless LAN", then the relevant data of the selected wireless network will be shown in the following blanks. Input the password and click "Submit", then the WIFI setting is finished. Unplug the cable, then you can connect to router by WiFi.

Note When the device is connected both WiFi and wired, it will firstly connect to the wired network. If the camera enables DHCP to obtain IP address automatically, so the IP address is not same in wired connection and wifi connection, recommend to set fixed IP address for the camera.

5.4.3. Remote access setting

User can also use third party DDNS, such as www.3322.org, User must apply a free domain name from this website and fill the info into the below blanks and save the settings, and then in the router to do port mapping, can remote access to the network camera (note: IP should be set to manual IP network camera, does not automatically get, otherwise unable to set the port mapping).



If you enable UPnP, once the IP camera is connected into the LAN, it will communicate with the router in the LAN and do the port-forwarding with open port of router automatically, so the user don't need to login the router for doing the port-forwarding, only tick "Using UPnP to Port Mapping" to finish the setting.

Note: If there is something wrong with the set up a remote, please enter the CD: \ FAQ \ FAQ-en, See the third explanation in the FAQ-en。

5.5. Alarm setting

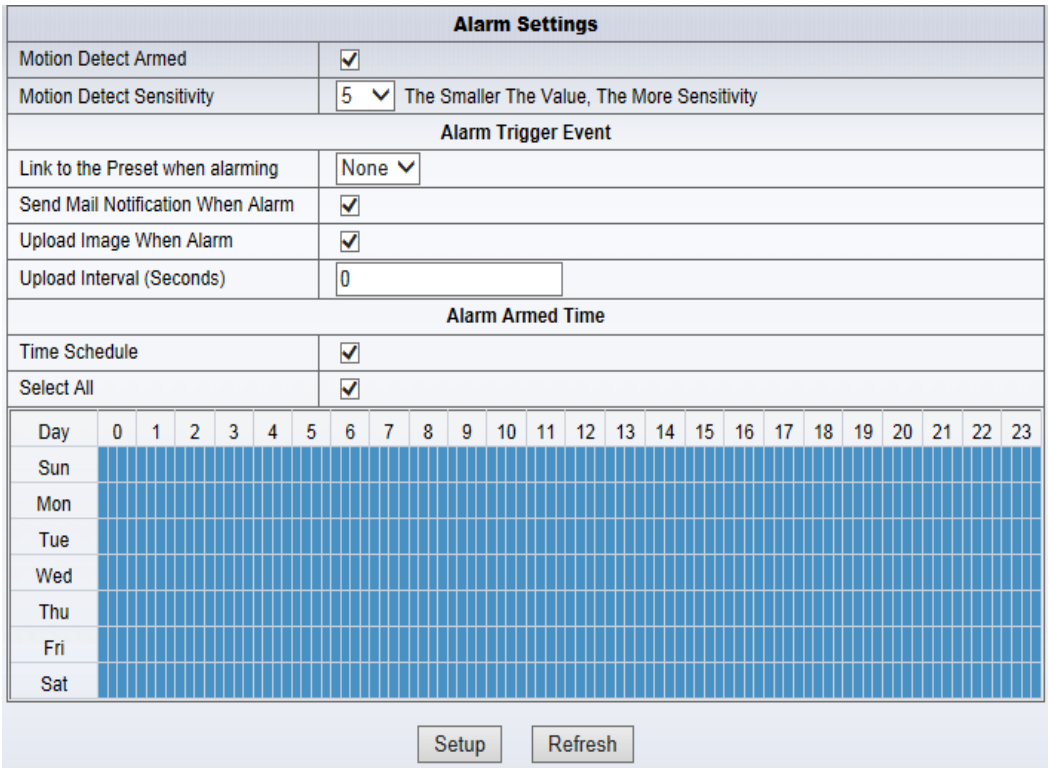
5.5.1. Alarm setting

If user needs to monitor a fixed area, it will detect the motion and trigger the alarm when there is any motion in the area. In the motion detect sensibility, the smaller the value, the more sensitivity.

After triggering the alarm, you can adopt several alarm mode in armed time.

- Link to the Preset when alarming: need to set preset point of the camera;
- Send alarm info by email (one email include a picture); every alarm trigger a email;
- Send the snap to the FTP server, user can also set the interval time between two pictures.

The device only triggers alarming when it detects any motion in armed time. User can set schedule time to be “all the time”, also assign the armed time. Before you set “Time Schedule”, please go to “Device Date and Time settings” to set the correct time for the item.



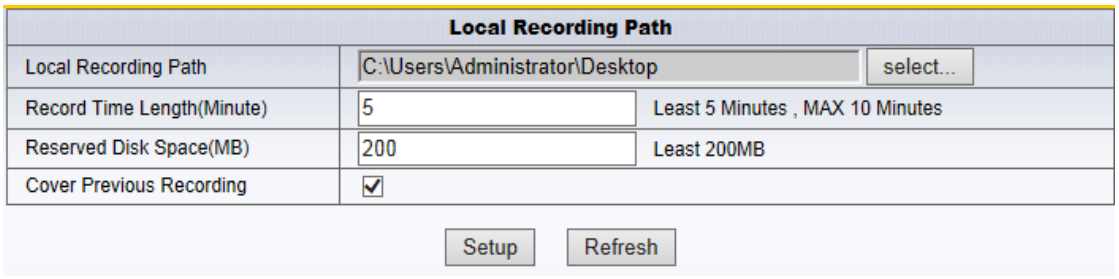
5.6. Advance setting

5.6.1. Device name setting

The user can name the camera, example for home, office etc.

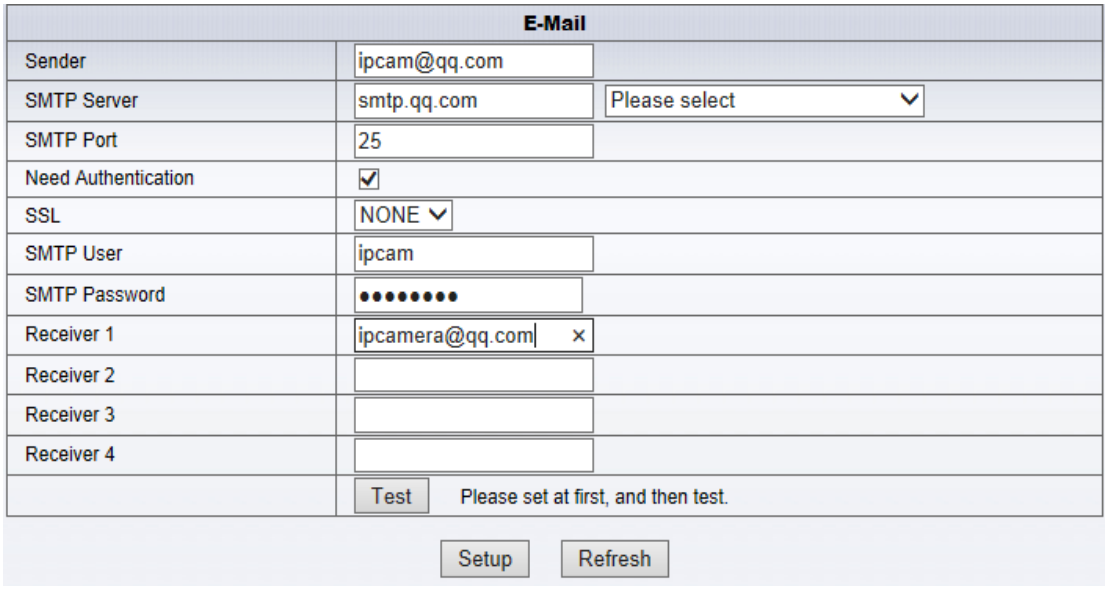
5.6.2. Local recording path

The camera will be automatically create a file folder named “Record files” in root directory of disk C:\,when the user don’t set “local recording path” and launch recording directly, and then save recording file to the folder.



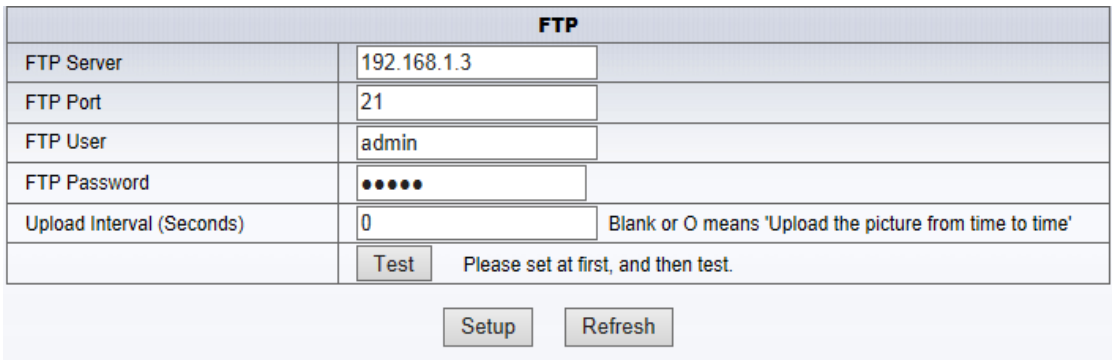
5.6.3. E-mail setting

When it detects alarming, it can send email to your appointed email box, but you need to set email service parameters correctly. As shown below, click “Submit” to save these parameters, and then you can click “Test” to check if the setting is successful.



5.6.4. FTP setting

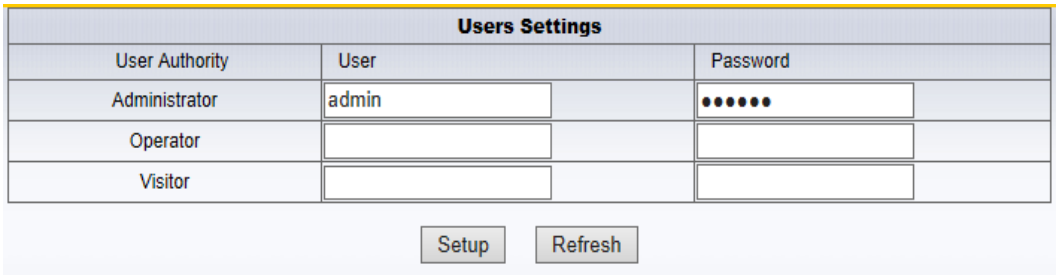
The device will snap live pictures and send them to FTP server when alarming, but need to set the FTP setting correctly. As shown below, after the setting is finished, click “Test” to check your settings are correct or not.



Note：For using the FTP function, you need to apply a user with authority that you can write and create submenu and some memory space.

5.7. System settings

5.7.1. User setting

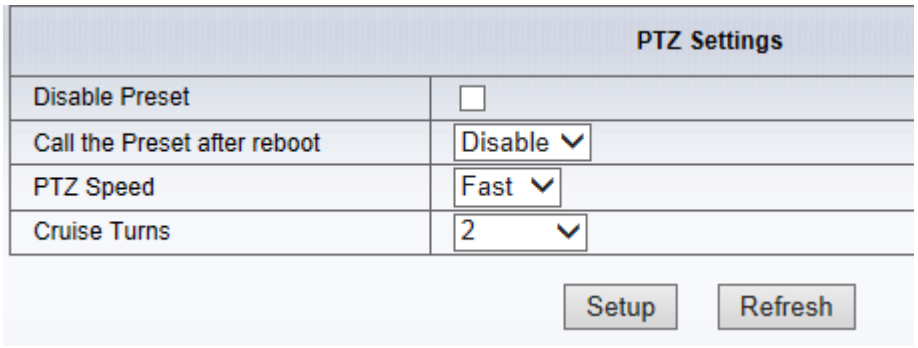


5.7.2. Device date and time settings

You can enable “Sync with NTP Server” when the device was connected to WAN, but need to select correct time zone where the camera is located, otherwise need to select“ Sync with PC time”.

5.7.3. PTZ settings

It will stop cruise automatically after cruising an hour when you select cruise turns as “always”.



5.7.4. Restore factory setting

Click “Restore factory setting” and confirm, the camera will restore to factory setting and reboot.

5.7.5. Reboot device

You can reboot the device.

5.7.6. Upgrade Web UI

There are two kinds of firmware run in the camera, one is system firmware, another one is Web UI, you can upgrade them respectively.

5.7.7. Upgrade system firmware

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